



# SZABO SCANDIC

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## Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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See the following pages for more information!



### Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

### Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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|                                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
|------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Product Number                                 | ARP53757_P050-FITC                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| Product Page                                   | <a href="http://www.avivasysbio.com/mlf1-antibody-n-terminal-region-fitc-arp53757-p050-fitc.html">www.avivasysbio.com/mlf1-antibody-n-terminal-region-fitc-arp53757-p050-fitc.html</a>                                                                                                                                                                                                                                                                                                                                                          |
| Name                                           | MLF1 Antibody - N-terminal region : FITC (ARP53757_P050-FITC)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| Protein Size (# AA)                            | 268 amino acids                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| Molecular Weight                               | 29kDa                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| Conjugation                                    | FITC: Fluorescein Isothiocyanate                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| NCBI Gene Id                                   | 4291                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| Host                                           | Rabbit                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| Clonality                                      | Polyclonal                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| Concentration                                  | 0.5 mg/ml                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| Gene Full Name                                 | Myeloid leukemia factor 1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| Alias Symbols                                  | -                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Peptide Sequence                               | Synthetic peptide located within the following region:<br><a href="#">GRDLLSISDGRGRAHNRRGHNDGEDSLTHTDVSSFQTMDQMVSNMNRNYMQ</a>                                                                                                                                                                                                                                                                                                                                                                                                                   |
| Product Format                                 | Liquid. Purified antibody supplied in 1x PBS buffer.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| Reference                                      | Li,Z.F., J. Neurol. Sci. 264 (1-2), 77-86 (2008)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| Description of Target                          | MLF1 is involved in lineage commitment of primary hemopoietic progenitors by restricting erythroid formation and enhancing myeloid formation. It interferes with erythropoietin-induced erythroid terminal differentiation by preventing cells from exiting the cell cycle through suppression of CDKN1B/p27Kip1 levels. MLF1 suppresses RFWD2/COP1 activity via CSN3 which activates p53 and induces cell cycle arrest. It binds DNA and affects the expression of a number of genes so may function as a transcription factor in the nucleus. |
| Protein Interactions                           | CENPU; COPS3; UBC; NRBP1; YWHAZ; GRIK5; MAGEA11;                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| Reconstitution and Storage                     | All conjugated antibodies should be stored in light-protected vials or covered with a light protecting material (i.e. aluminum foil). Conjugated antibodies are stable for at least 12 months at 4C. If longer storage is desired (24 months), conjugates may be diluted with up to 50% glycerol and stored at -20C to -80C. Freezing and thawing conjugated antibodies will compromise enzyme activity as well as antibody binding.                                                                                                            |
| Datasheets/Manuals                             | Printable datasheet for <a href="#">anti-MLF1 (ARP53757_P050-FITC) antibody</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| Blocking Peptide                               | For anti-MLF1 (ARP53757_P050-FITC) antibody is <a href="#">Catalog # AAP53757</a> (Previous Catalog # AAP30595)                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| Immunogen                                      | The immunogen is a synthetic peptide directed towards the N terminal region of human MLF1                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| Uniprot ID                                     | <a href="#">P58340</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| Protein Name                                   | Myeloid leukemia factor 1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| Protein Accession #                            | <a href="#">NP_071888</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| Purification                                   | Affinity Purified                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Nucleotide Accession #                         | <a href="#">NM_022443</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| Gene Symbol                                    | <a href="#">MLF1</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| Predicted Species Reactivity                   | Human, Mouse, Rat, Rabbit                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| Application                                    | WB                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| Predicted Homology Based on Immunogen Sequence | Human: 100%; Mouse: 79%; Rabbit: 90%; Rat: 79%                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |

**Image 1**



AVIVA SYSTEMS BIOLOGY manufactures and sells quality antibody products covering genome wide proteins.

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Optimal conditions of its use should be determined by end users.

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