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Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

Weitere Information auf den folgenden Seiten!
See the following pages for more information!



Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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RUNX1T1 monoclonal antibody (M01), clone 5A12

Catalog # : H00000862-M01

規格 : [100 ug]

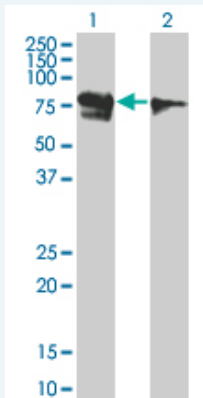
[List All](#)

Specification

Product Description:	Mouse monoclonal antibody raised against a partial recombinant RUNX1T1.
Immunogen:	RUNX1T1 (NP_004340, 416 a.a. ~ 525 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence:	EEIWKKAEEAVNEVKRQAMTELQKAVSEAERKAHDMITTERAKMERTVA EAKRQAAEDALAVINQQEDSSSESCWNCGRKASETCSGCNTARYCGSFC QHKDWEKHHHICG
Host:	Mouse
Reactivity:	Human
Isotype:	IgG2a Kappa
Quality Control Testing:	Antibody Reactive Against Recombinant Protein.
Storage Buffer:	In 1x PBS, pH 7.4
Storage Instruction:	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.
MSDS:	 Download
Datasheet:	 Download

Applications

Western Blot (Transfected lysate)



Western Blot analysis of RUNX1T1 expression in transfected 293T cell line by RUNX1T1 monoclonal antibody (M01), clone 5A12.

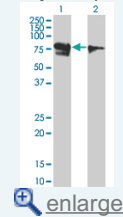
Lane 1: RUNX1T1 transfected lysate(67.566 KDa).
Lane 2: Non-transfected lysate.

 [Protocol Download](#)

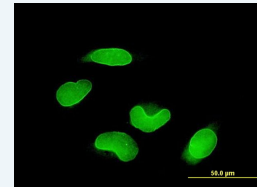
Immunofluorescence

Application Image

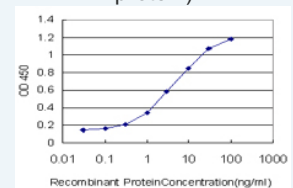
Western Blot (Transfected lysate)



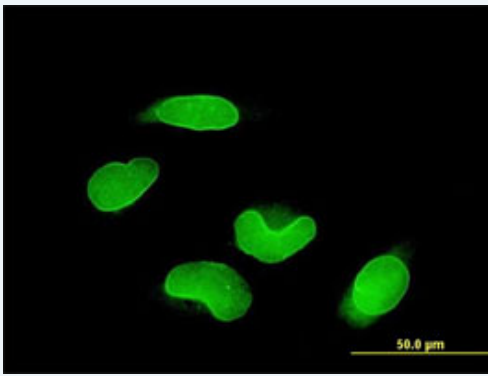
Immunofluorescence



Sandwich ELISA (Recombinant protein)



ELISA

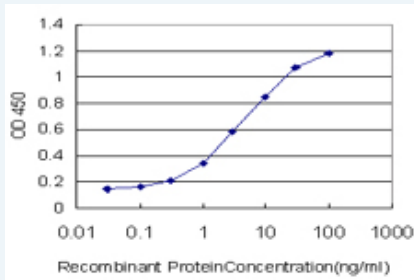


[enlarge this image](#)

Immunofluorescence of monoclonal antibody to RUNX1T1 on HeLa cell . [antibody concentration 10 ug/ml]

[Protocol Download](#)

Sandwich ELISA (Recombinant protein)



Detection limit for recombinant GST tagged RUNX1T1 is approximately 0.3ng/ml as a capture antibody.

[Protocol Download](#)

ELISA

Gene Information

Entrez GeneID: [862](#)

GeneBank [NM_004349](#)

Accession#:

Protein [NP_004340](#)

Accession#:

Gene Name: RUNX1T1

Gene Alias: AML1T1,CBFA2T1,CDR,ETO,MGC2796,MTG8,MTG8b,ZMYND2

Gene Description: runt-related transcription factor 1; translocated to, 1 (cyclin D-related)

Omim ID: [133435](#)

Gene Ontology: [Hyperlink](#)

Gene Summary: The protein encoded by this gene is a putative zinc finger transcription factor and oncoprotein. In acute myeloid leukemia, especially in the M2 subtype, the t(8;21)(q22;q22) translocation is one of the most frequent karyotypic abnormalities. The translocation produces a chimeric gene made up of the 5'-region of the RUNX1 gene fused to the 3'-region of this gene. The chimeric protein is thought to associate with the nuclear corepressor/histone deacetylase complex to block hematopoietic differentiation. Several transcript variants encoding multiple isoforms have been found for this gene. [provided by RefSeq]

Other Designations: acute myelogenous leukemia 1 translocation 1 protein, acute myelogenous leukemia 1 translocation 1, cyclin-D related, core-binding

factor, runt domain, alpha subunit 2; translocated to, 1; cyclin D-related, eight twenty one protein, myeloid translocation gene

Gene Pathway

Acute myeloid leukemia Pathways in cancer

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