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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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RUNX1 monoclonal antibody (M06), clone 2C10

Catalog # : H00000861-M06

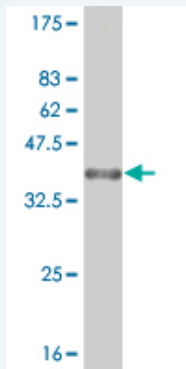
規格 : [100 ug]

[List All](#)

Specification

Product Description:	Mouse monoclonal antibody raised against a partial recombinant RUNX1.
Immunogen:	RUNX1 (NP_001001890.1, 210 a.a. ~ 310 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence:	RVSPHHPAPTPNPRASLNHSTAFNPQPQSQMQDTRQIQPSPWYSYDQS YQYLGSIASPSVHPATPISPGRASGMTLSAELSSRLSTAPDLTAFSDPR QFP
Host:	Mouse
Reactivity:	Human
Isotype:	IgG2a Kappa

Quality Control Testing: Antibody Reactive Against Recombinant Protein.



Western Blot detection against Immunogen (36.85 KDa) .

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](#)

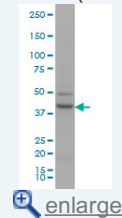
Publication Reference

1. [Transcription factor Runx2 is a regulator of epithelial-mesenchymal transition and invasion in thyroid carcinomas.](#)
Niu DF, Kondo T, Nakazawa T, Oishi N, Kawasaki T, Mochizuki K, Yamane T, Katoh R. *Lab Invest.* 2012 May 28. doi: 10.1038/labinvest.2012.84.
2. [Megakaryocytic expression of miRNA 10a, 17-5p, 20a and 126 in Philadelphia chromosome-negative myeloproliferative neoplasm.](#)
Hussein K, Dralle W, Theophile K, Kreipe H, Bock O. *Ann Hematol.* 2009 Apr;88(4):325-32. Epub 2008 Sep 5.

Applications

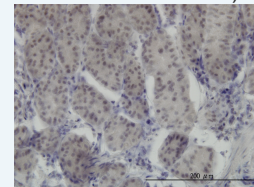
Application Image

Western Blot (Cell lysate)



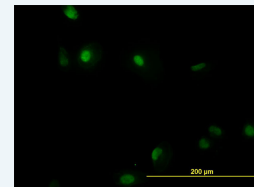
Western Blot (Recombinant protein)

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)



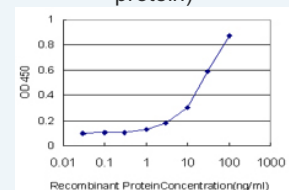
[enlarge](#)

Immunofluorescence



[enlarge](#)

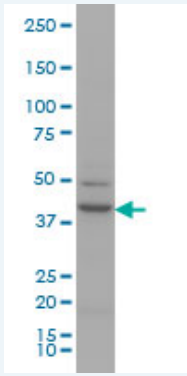
Sandwich ELISA (Recombinant protein)



[enlarge](#)

ELISA

Western Blot (Cell lysate)



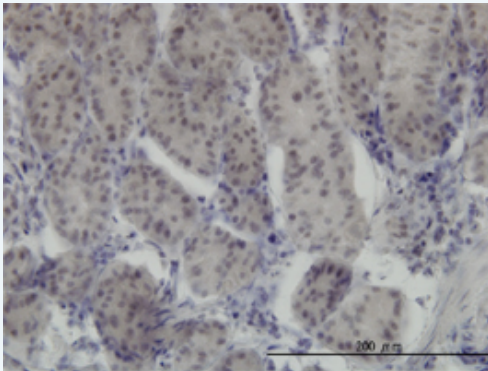
RUNX1 monoclonal antibody (M06), clone 2C10 Western Blot analysis of RUNX1 expression in HeLa S3 NE (Cat # L013V3).

[Protocol Download](#)

Western Blot (Recombinant protein)

[Protocol Download](#)

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

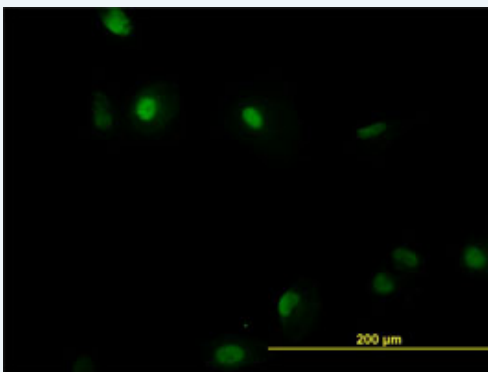


[enlarge this image](#)

Immunoperoxidase of monoclonal antibody to RUNX1 on formalin-fixed paraffin-embedded human stomach. [antibody concentration 1.5 ug/ml]

[Protocol Download](#)

Immunofluorescence

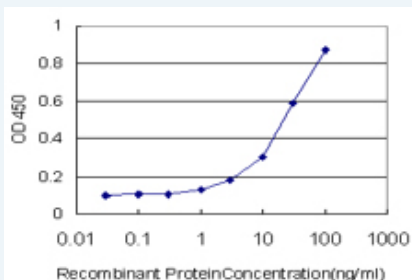


[enlarge this image](#)

Immunofluorescence of monoclonal antibody to RUNX1 on HeLa cell. [antibody concentration 40 ug/ml]

[Protocol Download](#)

Sandwich ELISA (Recombinant protein)



Detection limit for recombinant GST tagged RUNX1 is approximately 1ng/ml as a capture

antibody.

 [Protocol Download](#)

ELISA

Gene Information

Entrez GeneID: [861](#)

**GeneBank
Accession#:** [NM_001001890](#)

**Protein
Accession#:** [NP_001001890.1](#)

Gene Name: RUNX1

Gene Alias: AML1,AML1-EVI-1,AML1CR1,CBFA2,EVI-1,PEBP2aB

**Gene
Description:** runt-related transcription factor 1

Omim ID: [151385](#), [180300](#), [601399](#), [601626](#)

Gene Ontology: [Hyperlink](#)

Gene Summary: Core binding factor (CBF) is a heterodimeric transcription factor that binds to the core element of many enhancers and promoters. The protein encoded by this gene represents the alpha subunit of CBF and is thought to be involved in the development of normal hematopoiesis. Chromosomal translocations involving this gene are well-documented and have been associated with several types of leukemia. Three transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq]

**Other
Designations:** AML1-EVI-1 fusion protein,acute myeloid leukemia 1,aml1 oncogene,core-binding factor, runt domain, alpha subunit 2

Gene Pathway

[Acute myeloid leukemia](#) [Chronic myeloid leukemia](#) [Pathways in cancer](#)

Related Disease

[Arthritis](#), [Psoriatic Arthritis](#), [Rheumatoid Arthritis](#), [Asthma](#), [Asthma Blast Crisis](#), [Cardiovascular Diseases](#), [Colitis](#), [Ulcerative Crohn Disease](#), [Crohn's disease](#), [Diabetes Mellitus](#), [Type 1 Diabetes Mellitus](#), [Type 2 Disease Progression](#), [Disease Susceptibility](#), [Edema](#), [Genetic Predisposition to Disease](#), [Immune System Diseases](#), [Leukemia, chronic myeloid](#), [Leukemia, Myelocytic, Acute](#), [Leukemia, Myeloid, Acute](#)

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