

Mouse anti-Human, Mouse RUNX1 Monoclonal Antibody | anti-RUNX1 antibody

RUNX1 (Runt-related Transcription Factor 1, Acute Myeloid Leukemia 1 Protein, Core-binding Factor Subunit alpha-2, CBF-alpha-2, Oncogene AML-1, Polyomavirus Enhancer-binding Protein 2 alpha B Subunit, PEA2-alpha B, PEBP2-alpha B, SL3-3 Enhancer Factor 1 a

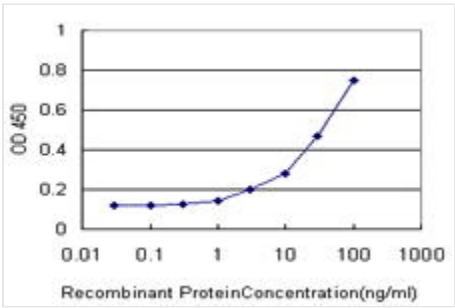
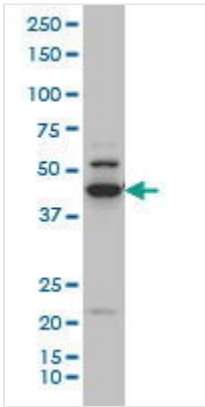
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA25530	Mouse	Human, Mouse	ELISA, Immunohistochemistry, Western Blot

PRODUCT SYNONYMS

RUNX1; Monoclonal Antibody; RUNX1 (Runt-related Transcription Factor 1; Acute Myeloid Leukemia 1 Protein; Core-binding Factor Subunit alpha-2; CBF-alpha-2; Oncogene AML-1; Polyomavirus Enhancer-binding Protein 2 alpha B Subunit; PEA2-alpha B; PEBP2-alpha B; SL3-3 Enhancer Factor 1 a; anti-RUNX1 antibody

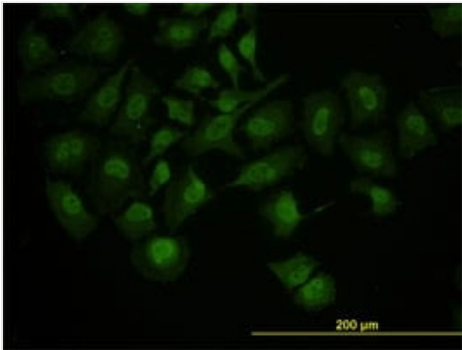
PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Human, Mouse
Clonality	Monoclonal
Isotype	IgG2b,k
Clone Number	4E7
Specificity	Recognizes human RUNX1. Species Crossreactivity: mouse.
Purity/Purification	Purified by Protein A Affinity Chromatography.
Form/Format	Supplied as a liquid in PBS, pH 7.2. No preservative added. Labeled with horseradish peroxidase (HRP).
Applicable Applications for anti-RUNX1 antibody	ELISA, IHC (Immunohistochemistry), WB (Western Blot)
Application Notes	IHC-P: 3ug/ml Applications are based on unconjugated antibody.
Immunogen	Partial recombinant corresponding to aa210-310 from human RUNX1 (NP_001001890.1) with GST tag. MW of the GST tag alone is 26kD.
Immunogen Sequence	RVSPHPAPTNPTRASLNHSTAFNPQPQSQMQDTRQIQPSPWSYDQSYQYLGSIASPSVHPATPISPGRASGMTTSLAELSSRLSTAPDLTAFSDPRQ
Conjugate	HRP
Preparation and Storage	Store product at 4 degree C if to be used immediately within two weeks. For long-term storage, aliquot to avoid repeated freezing and thawing and store at -20 degree C. Aliquots are stable at -20 degree C for 12 months after receipt. Dilute required amount only prior to immediate use. Further dilutions can be made in assay buffer. Note: Sodium azide is a potent inhibitor of peroxidase and should not be added to HRP conjugates. For maximum recovery of product, centrifuge the original vial after thawing and prior to removing the cap.

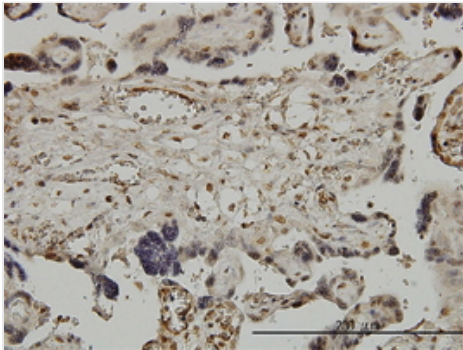


Application Data
Detection limit for recombinant GST tagged RUNX1 is ~1ng/ml as a capture antibody.

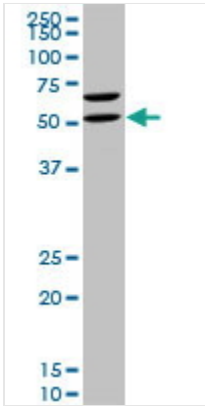
WB (Western Blot)
RUNX1 monoclonal antibody Western Blot analysis of RUNX1 expression in HeLa NE.



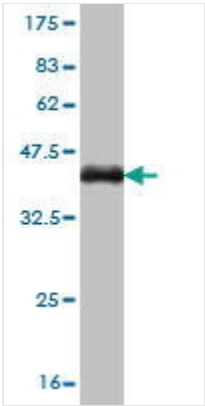
IF (Immunofluorescence)
Immunofluorescence of monoclonal antibody to RUNX1 on HeLa cell. [antibody concentration 10ug/ml].



IHC (Immunohistochemistry)
Immunoperoxidase of monoclonal antibody to RUNX1 on formalin-fixed paraffin-embedded human placenta. [antibody concentration 3ug/ml].



WB (Western Blot)
RUNX1 monoclonal antibody Western Blot analysis of RUNX1 expression in NIH/3T3.



WB (Western Blot)
Western Blot detection against Immunogen (36.85kD).

ADDITIONAL INFORMATION

Product Categories/Family for anti-RUNX1 antibody	Antibodies; Transcription Factors
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NCBI AND UNIPROT INFORMATION

NCBI GI #	49574546
NCBI GeneID	861
NCBI Accession #	NP_001001890.1

NCBI GenBank Nucleotide #	NM_001001890
UniProt Accession #	Q01196 ; O60472 ; O60473 ; O76047 ; O76089 ; Q13081 ; Q13755 ; Q13756 ; Q13757 ; A8MV94 ; B2RMS4 ; D3DSG1
Molecular Weight	48,737 Da
NCBI Official Full Name	runt-related transcription factor 1 isoform AML1b
NCBI Official Synonym Full Names	runt-related transcription factor 1
NCBI Official Symbol	RUNX1
NCBI Official Synonym Symbols	AML1; CBFA2; EVI-1; AMLCR1; PEBP2aB; AML1-EVI-1
NCBI Protein Information	runt-related transcription factor 1; CBF-alpha-2; PEA2-alpha B; PEBP2-alpha B; oncogene AML-1; AML1-EVI-1 fusion protein; acute myeloid leukemia 1 protein; SL3-3 enhancer factor 1 alpha B subunit; SL3/AKV core-binding factor alpha B subunit; core-binding
UniProt Protein Name	Runt-related transcription factor 1
UniProt Gene Name	RUNX1
UniProt Synonym Gene Names	AML1; CBFA2; CBF-alpha-2; PEA2-alpha B
UniProt Entry Name	RUNX1_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/monoclonal/runx1-antibody-clone-4e7-immunohistochemistry-western-blot-elisa/25530>