

Mouse anti-Human RUNX2 Monoclonal Antibody | anti-RUNX2 antibody

RUNX2 (Runt-related Transcription Factor 2, Core-binding Factor Subunit alpha-1, CBF-alpha-1, Acute Myeloid Leukemia 3 Protein, Oncogene AML-3, Polyomavirus Enhancer-binding Protein 2 alpha A Subunit, PEBP2-alpha A, PEA2-alpha A, SL3-3 Enhancer Factor 1 a

CATALOG # AAA24645	HOST Mouse	REACTIVITY Human	APPLICATIONS ELISA, Immunofluorescence, Immunohistochemistry, Western Blot
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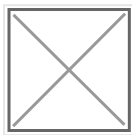
PRODUCT SYNONYMS

RUNX2; Monoclonal Antibody; RUNX2 (Runt-related Transcription Factor 2; Core-binding Factor Subunit alpha-1; CBF-alpha-1; Acute Myeloid Leukemia 3 Protein; Oncogene AML-3; Polyomavirus Enhancer-binding Protein 2 alpha A Subunit; PEBP2-alpha A; PEA2-alpha A; SL3-3 Enhancer Factor 1 a; anti-RUNX2 antibody

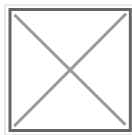
PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Human
Clonality	Monoclonal
Isotype	IgG2b
Clone Number	1D8
Specificity	Recognizes human RUNX2.
Purity/Purification	Purified by Protein A Affinity Chromatography.
Form/Format	Supplied as a liquid in PBS, pH 7.2. No preservative added. Labeled with Allophycocyanin (APC).
Applicable Applications for anti-RUNX2 antibody	ELISA, IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Application Notes	IF: 10ug/ml Applications are based on unconjugated antibody.
Immunogen	Partial recombinant corresponding to aa251-350 from human RUNX2 (NP_004339) with GST tag. MW of the GST tag alone is 26kD.
Immunogen Sequence	NPRPSLNSAPSPFNPQGSQITDPRQAQSSPPWSYDQSYPSYLSQMTSPSIHSTTPLSSTRGTGLPAITDVPRIISDDDTATSDFCFLWPSTLSKKSQAG
Conjugate	APC
Preparation and Storage	Store product at 4 degree C in the dark. DO NOT FREEZE! Stable at 4 degree C for 12 months after receipt as an undiluted liquid. Dilute required amount only prior to immediate use. Further dilutions can be made in assay buffer. Caution: APC conjugates are sensitive to light. For maximum recovery of product, centrifuge the original vial prior to removing the cap.

IMAGES



WB (Western Blot)
RUNX2 monoclonal antibody. Western Blot analysis of RUNX2 expression in SJCRH30.



Application Data
Detection limit for recombinant GST tagged RUNX2 is ~0.03ng/ml as a capture antibody.

**IF (Immunofluorescence)**

Immunofluorescence of monoclonal antibody to RUNX2 on U-2 OS cell. [antibody concentration 10ug/ml].

**IHC (Immunohistochemistry)**

Immunoperoxidase of monoclonal antibody to RUNX2 on formalin-fixed paraffin-embedded human placenta. [antibody concentration 3ug/ml].

**WB (Western Blot)**

RUNX2 monoclonal antibody, Western Blot analysis of RUNX2 expression in K-562.

**WB (Western Blot)**

Western Blot detection against Immunogen (36.74kD).

ADDITIONAL INFORMATION

Product Categories/Family for anti-RUNX2 antibody	Antibodies ; Transcription Factors
References	1. Runt-related transcription factor 2 (RUNX2) in human colon carcinoma: A potent prognostic factor associated with estrogen receptor. Sase T, Suzuki T, Miura K, Shiiba K, Sato I, Nakamura Y, Takagi K, Onodera Y, Miki Y, Watanabe M, Ishida K, Ohnuma S, Sasaki H, Sato R, Karasawa H, Shibata C, Unno M, Sasaki I, Sasano H. <i>Int J Cancer</i> . 2012 Mar 7. doi: 10.1002/ijc.27525.

NCBI AND UNIPROT INFORMATION

NCBI GI #	17368460
NCBI GeneID	860
NCBI Accession #	NP_004339
NCBI GenBank Nucleotide #	NM_004348
UniProt Accession #	Q13950
Molecular Weight	55kDa
NCBI Official Full Name	Runt-related transcription factor 2
NCBI Official Synonym Full Names	runt related transcription factor 2
NCBI Official Symbol	RUNX2
NCBI Official Synonym Symbols	CCD; AML3; CCD1; CLCD; OSF2; CBFA1; OSF-2; PEA2aA; PEBP2aA; CBF-alpha-1
NCBI Protein Information	runt-related transcription factor 2
UniProt Protein Name	Runt-related transcription factor 2
UniProt Gene Name	RUNX2
UniProt Synonym Gene Names	AML3; CBFA1; OSF2; PEBP2A; CBF-alpha-1; OSF-2; PEA2-alpha A; PEBP2-alpha A
UniProt Entry Name	RUNX2_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/runx2-antibody-clone-1d8-immunofluorescence-immunohistochemistry-western-blot-elisa/24645>