

Mouse anti-Human, Rat CBFA1 / RUNX2 Monoclonal Antibody | anti-CBFA1 antibody

Mouse Monoclonal [clone 3F5] (IgG2a,k) to Human CBFA1 / RUNX2

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA51867	Mouse	Human, Rat	ELISA, Western Blot, Immunofluorescence, Immunohistochemistry

PRODUCT SYNONYMS

CBFA1 / RUNX2; Monoclonal Antibody; Mouse Monoclonal [clone 3F5] (IgG2a; k) to Human CBFA1 / RUNX2; Anti-CBFA1 / RUNX2 Antibody (clone 3F5) IHC-plus; RUNX2; AML3; CCD; CCD1; OSF2; PEBP2A1; PEBP2A2; PEA2-alpha A; PEBP2-alpha A; OSF-2; PEBP2A; PEBP2aA1; CBF-alpha-1; CBFA1; Oncogene AML-3; PEA2aA; PEBP2aA; Human CBFA1; anti-CBFA1 antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Human, Rat
Clonality	Monoclonal
Isotype	IgG2a,k
Clone Number	3F5
Purity/Purification	Protein A Purified
Form/Format	PBS, pH 7.4. Sourced in Ascites.
Concentration	0.46 mg/ml (varies by lot)
Sequence Length	499
Applicable Applications for anti-CBFA1 antibody	ELISA, WB (Western Blot), IF (Immunofluorescence), IHC (Immunohistochemistry)
Target Species	Human
Immunogen Description	RUNX2 (NP_004339, 251 a.a. ~ 351 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Immunogen Type	Recombinant protein
Immunogen	CBFA1 / RUNX2 antibody was raised against rUNX2 (NP_004339, 251 a.a. ~ 351 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Preparation and Storage	Store at -20 degree C. Aliquot to avoid freeze/thaw cycles.

IMAGES



ELISA

Detection limit for recombinant GST tagged RUNX2 is approximately 0.1 ng/ml as a capture antibody.



WB (Western Blot)

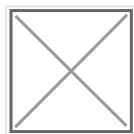
RUNX2 monoclonal antibody, clone 3F5 Western blot of RUNX2 expression in PC-12.

**IF (Immunofluorescence)**

Immunofluorescence of monoclonal antibody to RUNX2 on HeLa cell (antibody concentration 10 ug/ml).

**IHC (Immunohistochemistry)**

Anti-RUNX2 antibody IHC of human uterus. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval. Antibody concentration 5 ug/ml.

**IHC (Immunohistochemistry)**

Anti-RUNX2 antibody IHC of human prostate. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval. Antibody concentration 5 ug/ml.

NCBI AND UNIPROT INFORMATION

NCBI GI #	66934969
NCBI GeneID	860
NCBI Accession #	NP_004339.3
NCBI GenBank Nucleotide #	NM_004348.3
UniProt Accession #	Q13950; O14614; O14615; O95181
Molecular Weight	54,249 Da
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/cbfa1-runx2-antibody-clone-3f5-western-blot-immunofluorescence-immunohistochemistry-elisa/51867>