

Mouse anti-Human CBFA2T2 Monoclonal Antibody | anti-CBFA2T2 antibody

Mouse monoclonal antibody Anti-Human CBFA2T2

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA36317	Mouse	Human	Flow Cytometry, Functional Assay, Western Blot, Immunocytochemistry, Dot Blot

PRODUCT SYNONYMS

CBFA2T2; Monoclonal Antibody; Mouse monoclonal antibody Anti-Human CBFA2T2; core-binding factor; alpha subunit 2; MTGR1; EHT; ZMYND3; anti-CBFA2T2 antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Human
Clonality	Monoclonal
Isotype	IgG1
Clone Number	CBF5I134
Concentration	100 ug/ml (1.0 ml) (varies by lot)
Sequence Length	5595
Applicable Applications for anti-CBFA2T2 antibody	FCM/FACS (Flow Cytometry), WB (Western Blot), ICC (Immunocytochemistry), DB (Dot Blot)
Preparation	This antibody was purified using protein G column chromatography from culture supernatant of hybridoma cultured in a medium containing bovine IgG-depleted (approximately 95%) fetal bovine serum.
Sterility	Filtered through a 0.22 um membrane.

IMAGES



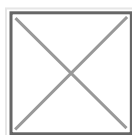
ICC (Immunocytochemistry)

Immunostaining analysis in HeLa cells. HeLa cells were fixed with 4% paraformaldehyde and permeabilized with 0.1% Triton X-100 in PBS. The cells were immunostained with anti-CBFA2T2 mAb. [Lot No. CBF5I134-2]



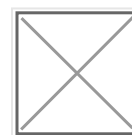
FCM/FACS (Flow Cytometry)

HeLa cells were fixed in 2% paraformaldehyde/PBS and then permeabilized in 90% methanol. Cells were stained with anti-CBFA2T2 mAb (shaded) or isotype control (unshaded) followed by Alexa Fluor(R) 488-conjugated goat anti-mouse IgG. [Lot No. CBF5I134-2]



WB (Western Blot)

Detection of human CBFA2T2 by Western blot. Samples: Whole cell lysate (25 ug) from HeLa cells. [Lot No. CBF5I134-2] Predicted molecular weight: 67 kDa



Quality Control #2

Arrow indicates the region of immunized recombinant protein carrying 50-200 amino acids.



Quality Control

Western blot analysis of immunized recombinant protein, using anti-CBFA2T2 monoclonal antibody.

ADDITIONAL INFORMATION

Related Product Information for anti-CBFA2T2 antibody	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 (AML1) gene fused to the 3'-region of the CBFA2T1 (MTG8) gene. The chimeric protein is thought to associate with the nuclear corepressor/histone deacetylase complex to block hematopoietic differentiation. The protein encoded by this gene binds to the AML1-MTG8 complex and may be important in promoting leukemogenesis. Several transcript variants are thought to exist for this gene, but the full-length natures of only three have been described. [NCBI Entrez Gene Summary]
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NCBI AND UNIPROT INFORMATION

NCBI GI #	34193058
NCBI GeneID	9139
Molecular Weight	65,878 Da
NCBI Official Full Name	Homo sapiens core-binding factor, runt domain, alpha subunit 2; translocated to, 2, mRNA
NCBI Official Synonym Full Names	core-binding factor, runt domain, alpha subunit 2; translocated to, 2
NCBI Official Symbol	CBFA2T2
NCBI Official Synonym Symbols	EHT; p85; MTGR1; ZMYND3
NCBI Protein Information	protein CBFA2T2; ETO homolog on chromosome 20; ETO homologous on chromosome 20; MTG8-like protein; MTG8-related protein 1; myeloid translocation gene-related protein 1; myeloid translocation-related protein 1
UniProt Protein Name	Protein CBFA2T2
UniProt Gene Name	CBFA2T2
UniProt Entry Name	MTG8R_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/cbfa2t2-antibody-clone-cbf5i134-flow-cytometry-western-blot-immunocytochemistry-dot-blot-elisa/36317>