

CBFA2T2 rabbit monoclonal antibody

Catalog # H00009139-K

Size 100 ug x up to 3

Specification

Product Description	Rabbit monoclonal antibody raised against a human CBFA2T2 peptide using ARM Technology.
Immunogen	A synthetic peptide of human CBFA2T2 is used for rabbit immunization. Customer or Abnova will decide on the preferred peptide sequence.
Host	Rabbit
Library Construction	Non-fusion antibody library from rabbit spleen (ARM Technology).
Expression	Overexpression vector and transfection into 293H cell line.
Reactivity	Human
Purification	Protein A
Isotype	IgG
Quality Control Testing	Antibody reactive against human CBFA2T2 peptide by ELISA and mammalian transfected lysate by Western Blot.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.
Deliverable	Up to three rabbit IgG clones of 100 ug each will be delivered to customer.
Note	<ol style="list-style-type: none">1. Customer may provide cell or tissue lysate for antibody screening.2. Rabbit monoclonal antibody generated by ARM technology is amenable to antibody engineering including F(ab)₂, IgG, scFv and different Fc and non-Fc conjugates per customer request.

Applications

- Western Blot (Transfected lysate)

[Protocol Download](#)

- ELISA

Gene Info — CBFA2T2

Entrez GeneID [9139](#)

GeneBank Accession# [CBFA2T2](#)

Gene Name CBFA2T2

Gene Alias DKFZp313F2116, EHT, MTGR1, ZMYND3

Gene Description core-binding factor, runt domain, alpha subunit 2; translocated to, 2

Omim ID [603672](#)

Gene Ontology [Hyperlink](#)

Gene Summary 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 nature of only three have been described. [provided by RefSeq]

Other Designations ETO homolog on chromosome 20|MTG8-like protein|OTTHUMP00000030653|myeloid translocation gene-related protein 1