RUNX1T1 rabbit monoclonal antibody

Catalog # H00000862-K Size 100 ug x up to 3

Specification

Product Description	Rabbit monoclonal antibody raised against a human RUNX1T1 peptide using ARM Technology.
Immunogen	A synthetic peptide of human RUNX1T1 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 RUNX1T1 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	1. Customer may provide cell or tissue lysate for antibody screening. 2. Rabbit monoclonal antibody generated by ARM technology is amenable to antibody engineering in cluding $F(ab)_2$, IgG, scFv and different Fc and non-Fc conjugates per customer request.

Applications

- Western Blot (Transfected lysate)

  Protocol Download

- ELISA

Gene Info — RUNX1T1

Entrez GeneID	862
GeneBank Accession#	RUNX1T1
Gene Name	RUNX1T1
Gene Alias	AML1T1, CBFA2T1, CDR, ETO, MGC2796, MTG8, MTG8b, ZMYND2
Gene Description	runt-related transcription factor 1; translocated to, 1 (cyclin D-related)
Omim ID	133435
Gene Ontology	Hyperlink
Gene Summary	The protein encoded by this gene is a putative zinc finger transcription factor and oncoprotein. 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 gene fused to the 3'-region of this gene. The chimeric protein is tho ught to associate with the nuclear corepressor/histone deacetylase complex to block hematopoiet ic differentiation. Several transcript variants encoding multiple isoforms have been found for this g ene. [provided by RefSeq
Other Designations	acute myelogenous leukemia 1 translocation 1 protein|acute myelogenous leukemia 1 translocati on 1, cyclin-D related|core-binding factor, runt domain, alpha subunit 2; translocated to, 1; cyclin D -related|eight twenty one protein|myeloid translocation gene

Pathway

- Acute myeloid leukemia
- Pathways in cancer