

Mouse TAL1 Monoclonal Antibody | anti-TAL1 antibody

TAL1 antibody

CATALOG # AAA106793	HOST Mouse	APPLICATIONS Western Blot, Flow Cytometry, Functional Assay
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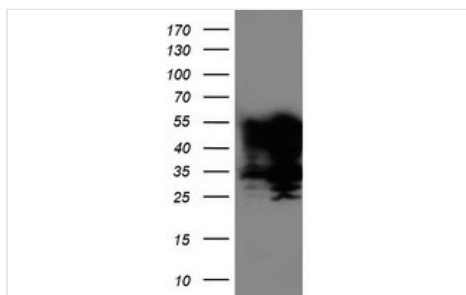
PRODUCT SYNONYMS

TAL1; Monoclonal Antibody; TAL1 antibody; Monoclonal TAL1; Anti-TAL1; T-cell acute lymphocytic leukemia 1; SCL; bHLHa17; TCL5; Class A basic helix-loop-helix protein 17; Stem cell protein; T-cell leukemia/lymphoma protein 5; BHLHA17; TAL 1; TAL-1; anti-TAL1 antibody

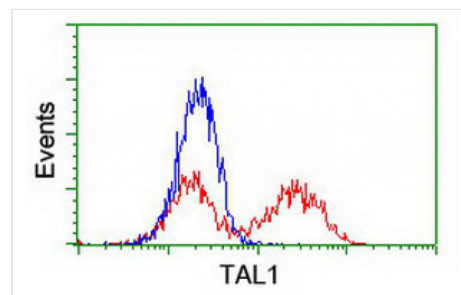
PRODUCT SPECIFICATIONS

Host	Mouse
Clonality	Monoclonal
Isotype	IgG1
Clone Number	3 E2
Purity/Purification	TAL1 antibody was purified by affinity chromatography.
Form/Format	Supplied in PBS buffer, pH 7.3, containing 1% BSA, 50% glycerol and 0.02% sodium azide.
Concentration	500 ug-1 mg/ml (varies by lot)
Sequence Length	331
Applicable Applications for anti-TAL1 antibody	WB (Western Blot), FCM/FACS (Flow Cytometry)
Biological Significance	Implicated in the genesis of hemopoietic malignancies. It may play an important role in hemopoietic differentiation. Serves as a positive regulator of erythroid differentiation.
Cross-Reactivity	Human
Immunogen	TAL1 antibody was raised in mouse using a full length recombinant protein of human TAL1 (NP_003180) produced in HEK293T cells, as the immunogen.
Preparation and Storage	Store at 4 degree C for short term storage. Aliquot and store at -20 degree C for long term storage. Avoid repeated freeze/thaw cycles.

IMAGES


WB (Western Blot)

Western Blot analysis of HEK293T cell lysates (5 ug) transfected with either recombinant TAL1 protein (Right) or empty vector (Left) detected with TAL1 antibody


FCM/FACS (Flow Cytometry)

Flow Cytometric analysis of HEK293T cells transfected with either recombinant TAL1 protein (red) or empty vector (blue) stained using TAL1 antibody

ADDITIONAL INFORMATION

Related Product Information for anti-TAL1 antibody	Mouse monoclonal TAL1 antibody
Product Categories/Family for anti-TAL1 antibody	Cancer

NCBI AND UNIPROT INFORMATION

NCBI GI #	4507363
NCBI GeneID	6886
NCBI Accession #	NP_003180
NCBI GenBank Nucleotide #	NM_003189.2
UniProt Accession #	P17542; D3DQ24
Molecular Weight	16,548 Da
NCBI Official Full Name	T-cell acute lymphocytic leukemia protein 1 isoform 1
NCBI Official Synonym Full Names	T-cell acute lymphocytic leukemia 1
NCBI Official Symbol	TAL1
NCBI Official Synonym Symbols	SCL; TCL5; tal-1; bHLHa17
NCBI Protein Information	T-cell acute lymphocytic leukemia protein 1
UniProt Protein Name	T-cell acute lymphocytic leukemia protein 1
UniProt Gene Name	TAL1
UniProt Synonym Gene Names	BHLHA17; SCL; TCL5; TAL-1; bHLHa17
UniProt Entry Name	TAL1_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/tal1-antibody-clone-3-e2-western-blot-flow-cytometry-elisa/106793>