

Datasheet for ABIN6940681
anti-TAL1 antibody



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1 Image

Overview

Quantity:	100 µg
Target:	TAL1
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This TAL1 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Coating (Coat)

Product Details

Immunogen:	Recombinant human full-length TAL1 protein
Clone:	BTL73
Isotype:	IgG1 kappa
Purification:	Purified by Protein A/G

Target Details

Target:	TAL1
Alternative Name:	TAL1 (TAL1 Products)
Background:	Activation of TAL1 characterizes up to 60 % of cases of human T cell acute lymphoblastic leukemia, making it the most frequent gain-of-function mutation observed in this disorder. TAL1 (also designated SCL) is a serine phosphoprotein and basic helix-loop-helix transcription factor known to regulate embryonic hematopoiesis. This transcription factor binds as a heterodimer

Target Details

with E2A and HEB/HTF4 to a nucleotide sequence motif termed the E-box. In addition, leukemogenesis is accelerated dramatically by transgenic co-expression of TAL1 and the catalytic subunit of casein kinase IIHLH transcription factors.

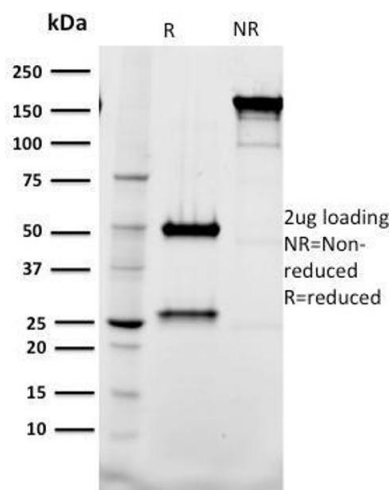
Molecular Weight:	42kDa
Gene ID:	6886
UniProt:	P17542
Pathways:	Stem Cell Maintenance

Application Details

Application Notes:	Positive Control: A549 xenograft. Known Application: ELISA (For coating, order antibody without BSA), Western Blot (0.5-1.0 µg/mL), Optimal dilution for a specific application should be determined.
Restrictions:	For Research Use only

Handling

Concentration:	200 µg/mL
Buffer:	10 mM PBS with 0.05 % BSA & 0.05 % azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C
Storage Comment:	Antibody with azide - store at 2 to 8°C. Antibody is stable for 24 months. Non-hazardous. No MSDS required.
Expiry Date:	24 months



SDS-PAGE

Image 1. SDS-PAGE Analysis Purified Tal1 Mouse Monoclonal Antibody (BTL73). Confirmation of Integrity and Purity of Antibody.