Datasheet for ABIN560190

anti-RUNX1T1 antibody (AA 416-525)

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Overview

Quantity:	100 µg
Target:	RUNX1T1
Binding Specificity:	AA 416-525
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This RUNX1T1 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunofluorescence (IF)

Product Details

Purpose:	Mouse monoclonal antibody raised against a partial recombinant RUNX1T1.
Immunogen:	RUNX1T1 (NP_004340, 416 a.a. ~ 525 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence:	EEIWKKAEEA VNEVKRQAMT ELQKAVSEAE RKAHDMITTE RAKMERTVAE AKRQAAEDAL AVINQQEDSS ESCWNCGRKA SETCSGCNTA RYCGSFCQHK DWEKHHHICG
Clone:	5A12
Isotype:	IgG2a
Cross-Reactivity:	Human
Characteristics:	Antibody Reactive Against Recombinant Protein.

Target Details

Target:	RUNX1T1
Alternative Name:	RUNX1T1 (RUNX1T1 Products)
Background:	Full Gene Name: runt-related transcription factor 1, translocated to, 1 (cyclin D-related) Synonyms: AML1T1,CBFA2T1,CDR,ETO,MGC2796,MTG8,MTG8b,ZMYND2
Gene ID:	862
NCBI Accession:	NM_004349

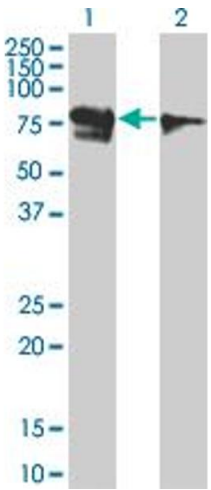
Application Details

Application Notes:	Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only

Handling

Buffer:	In 1x PBS, pH 7.4
Handling Advice:	Aliquot to avoid repeated freezing and thawing.
Storage:	-20 °C
Storage Comment:	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Images

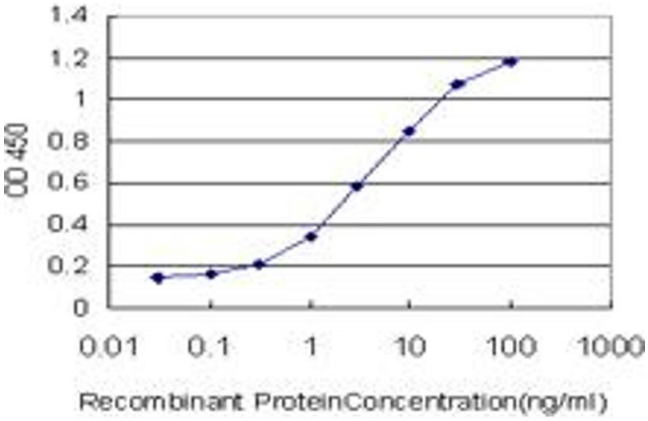


Western Blotting

Image 1. Western Blot analysis of RUNX1T1 expression in transfected 293T cell line by RUNX1T1 monoclonal antibody (M01), clone 5A12.

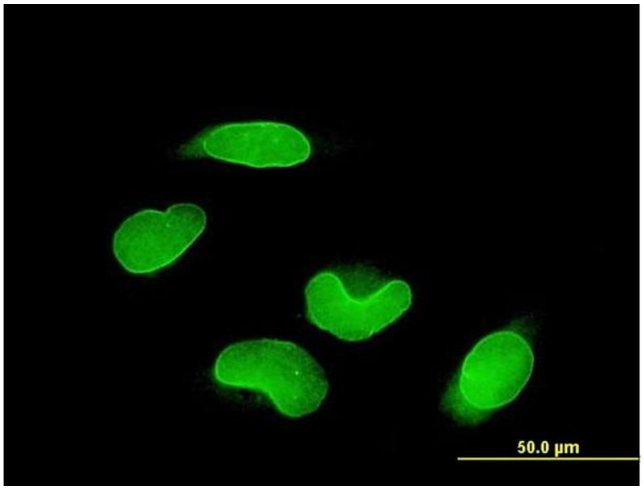
Lane 1: RUNX1T1 transfected lysate(67.566 KDa).

Lane 2: Non-transfected lysate.



ELISA

Image 2. Detection limit for recombinant GST tagged RUNX1T1 is approximately 0.3ng/ml as a capture antibody.



Immunofluorescence

Image 3. Immunofluorescence of monoclonal antibody to RUNX1T1 on HeLa cell. [antibody concentration 10 ug/ml]