

Datasheet for ABIN1721516
anti-MLLT1 antibody (AA 414-472)



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Overview

Quantity:	100 µg
Target:	MLLT1
Binding Specificity:	AA 414-472
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This MLLT1 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	Maltose-binding fusion protein containing ENL amino acids 414-472 (Accession no. NP_005925).
Clone:	3-1-1
Isotype:	IgG1
Specificity:	Reacts with human ENL.
Purification:	Purified (protein G)

Target Details

Target:	MLLT1
Alternative Name:	ENL (MLLT1 Products)

Target Details

Background: The AF4 and ENL (Eleven nineteen Leukemia) protein families are the most frequent MLL fusion partners accounting for two-thirds of MLL-associated leukemia incidence. The ENL family includes ENL and AF9 and has structural homology to the yeast Anc1 protein. ENL is a nuclear protein that is capable of activating transcription from synthetic reporter genes in both lymphoid and myeloid cells as well as in yeast. Deletion mutagenesis demonstrated that the minimal portion of ENL required for activation of transcription was localized to its C-terminal 90 amino acids. This region is highly conserved between ENL and AF9 and is retained in all Hrx-ENL and Hrx-AF9 fusion proteins. Thus, the leukemogenic contribution and transcriptional activation potential of ENL colocalize to its highly conserved carboxy terminus.

Protein ENL YEATS domain-containing protein 1 LTG19 YEATS1 Gene name : MLLT1

Gene ID: 4298

UniProt: [Q03111](#)

Application Details

Application Notes: Working dilution: Optimal dilution should be determined by the end user.
The following are guidelines only :
WB(1 - 5 µg/mL)

Restrictions: For Research Use only

Handling

Buffer: PBS, pH 7.4.

Handling Advice: Dilute in PBS or medium that is identical to that used in the assay system.

Storage: -20 °C

Storage Comment: Stable for at least one year at -20°C. Avoid multiple freeze-thaw cycles.

Expiry Date: 12 months