



Rabbit Anti-MLLT11 antibody

SL8562R

Product Name:	MLLT11
Chinese Name:	髓系/淋巴或混合型白血病11抗体
Alias:	AF1Q; ALL1 fused gene from chromosome 1q; MLLT 11; MLLT-11; Myeloid/lymphoid or mixed lineage leukemia (trithorax homolog, Drosophila) translocated to 11; Protein AF1q; RP11 316M1.10.
Organism Species:	Rabbit
Clonality:	Polyclonal
React Species:	Human,Mouse,Rat,Dog,Pig,Cow,Horse,Rabbit,
Applications:	ELISA=1:500-1000IHC-P=1:400-800IHC-F=1:400-800IF=1:100-500 (Paraffin sections need antigen repair) not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Molecular weight:	10kDa
Cellular localization:	The nucleuscytoplasmicExtracellular matrixSecretory protein
Form:	Lyophilized or Liquid
Concentration:	1mg/ml
immunogen:	KLH conjugated synthetic peptide derived from human MLLT11:41-90/90
Lsotype:	IgG
Purification:	affinity purified by Protein A
Storage Buffer:	0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.
Storage:	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. The lyophilized antibody is stable at room temperature for at least one month and for greater than a year when kept at -20°C. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.
PubMed:	PubMed
Product Detail:	The gene encoding the Mixed-Lineage Leukemia (MLL) proteins is located on chromosome 11q23. Chromosomal translocations involving band 11q23 result in rogue activator proteins that are associated with approximately 10% of patients with acute lymphoblastic leukemia (ALL) and 5% of patients with acute myeloid leukemia (AML). Most patients affected are less than 1 year of age. MLLT11, also known as mixed-

lineage leukemia translocated to 11 or AF1q, is a 90 amino acid MLL fusion partner. Based on the expression patterns of MLLT11, it is thought that MLLT11 plays a role in leukemogenesis and, specifically, the progression of acute monocytic leukemia (AML). Also, expressed in embryonic brain cortex, MLLT11 is upregulated during neuronal differentiation and is thought to play a role in the development of the central nervous system. Finally, MLLT11 has been shown to be differentially expressed in highly metastatic cells, in comparison with non-metastatic parent cells. Such findings suggest a role of MLLT11 in tumorigenesis.

Tissue Specificity:

Highly expressed in thymus and all leukemic cell lines.

DISEASE:

Note=A chromosomal aberration involving MLLT11 is found in acute leukemias. Translocation t(1;11)(q21;q23) with MLL.

Similarity:

Belongs to the MLLT11 family.

SWISS:

Q13015

Gene ID:

10962

Important Note:

This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.