

Product Name: AF10 Rabbit Monoclonal Antibody**Catalog #: AMRe01619**

For research use only.

Summary

Description	Recombinant rabbit monoclonal antibody
Host	Rabbit
Application	WB,IHC
Reactivity	Human
Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG
Clonality	Monoclonal
Form	Liquid
Concentration	1.12mg/ml. The concentration of this product may be batch-dependent.
Storage	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
Shipping	Ice bags
Buffer	50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% protective protein
Purification	Affinity Purification

Application

Dilution Ratio	WB 1:500-1:1000,IHC 1:50-1:100
Molecular Weight	Calculated MW: 113 kDa; Observed MW: 140 kDa

Antigen Information

Gene Name	MLLT10
Alternative Names	MLLT10; AF10; Protein AF-10; ALL1-fused gene from chromosome 10 protein
Gene ID	8028
SwissProt ID	P55197
Immunogen	Recombinant protein of human AF10

Background

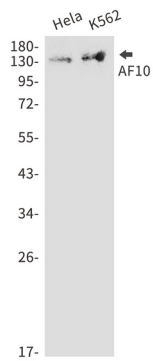
Probably involved in transcriptional regulation. In vitro or as fusion protein with KMT2A/MLL1 has transactivation activity. Binds to cruciform DNA. In cells, binding to unmodified histone H3 regulates DOT1L functions including histone H3 'Lys-79'

dimethylation (H3K79me2) and gene activation (PubMed:26439302).

Research Area

Epigenetics and Nuclear Signaling

Image Data



Western blot analysis of AF10 in HeLa, K562 lysates using AF10 antibody.