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**Product Name: AF10 Rabbit Monoclonal Antibody****Catalog #: AMRe85264**

For research use only.

**Summary**

<b>Description</b>	Recombinant rabbit monoclonal antibody
<b>Host</b>	Rabbit
<b>Application</b>	WB,IHC
<b>Reactivity</b>	Human
<b>Conjugation</b>	Unconjugated
<b>Modification</b>	Unmodified
<b>Isotype</b>	IgG
<b>Clonality</b>	Monoclonal
<b>Form</b>	Liquid
<b>Concentration</b>	
<b>Storage</b>	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
<b>Shipping</b>	Ice bags
<b>Buffer</b>	Purified antibody in TBS with 0.05% sodium azide,0.05%protective protein and 50% glycerol.
<b>Purification</b>	Affinity Purification

**Application**

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

**Antigen Information**

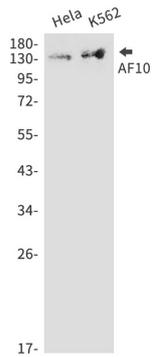
<b>Gene Name</b>	AF10
<b>Alternative Names</b>	MLLT10; AF10; Protein AF-10; ALL1-fused gene from chromosome 10 protein
<b>Gene ID</b>	8028.0
<b>SwissProt ID</b>	P55197
<b>Immunogen</b>	Recombinant protein of human AF10

**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

## Image Data



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