



# 髓系、淋巴、混合系白血病易位基因 10 抗体

产品货号 : mlR10510

英文名称 : AF10

中文名称 : 髓系、淋巴、混合系白血病易位基因 10 抗体

别 名 : AF 10; AF10; AF10\_HUMAN; ALL 1 fused gene from chromosome 10; ALL1 fused gene from chromosome 10; ALL1-fused gene from chromosome 10 protein; MLLT 10; MLLT10; Myeloid/lymphoid or mixed lineage leukemia (trithorax homolog Drosophila) translocated to 10; Myeloid/lymphoid or mixed lineage leukemia translocated to 10; Protein AF 10; Protein AF-10; Protein AF10; Type I AF10 protein.

研究领域 : 肿瘤 转录调节因子

抗体来源 : Rabbit

克隆类型 : Polyclonal

交叉反应 : Human, Mouse, Rat, Pig, Cow, Sheep,



**产品应用** : ELISA=1:500-1000 IHC-P=1:400-800 IHC-F=1:400-800 ICC=1:100-500 IF=1:100-500 (石蜡切片需做抗原修复)

not yet tested in other applications.

optimal dilutions/concentrations should be determined by the end user.

**分子量** : 109kDa

**细胞定位** : 细胞核

**性 状** : Lyophilized or Liquid

**浓 度** : 1mg/ml

**免 疫 原** : KLH conjugated synthetic peptide derived from human AF10:whole cell protein

**亚 型** : IgG

**纯化方法** : affinity purified by Protein A

**储 存 液** : 0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.

**保存条件** : 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

**产品介绍 Function:**

Probably involved in transcriptional regulation. In vitro or as fusion protein with MLL has transactivation activity. Binds to cruciform DNA.

**Subunit:**

Self-associates. Interacts with FSTL3 isoform 2; the interaction enhances MLLT10 in vitro transcriptional activity and self-association. Interacts with YEATS4. Interacts with SS18. Interacts with DOT1L.

**Subcellular Location:**

Nucleus.

**Tissue Specificity:**

Expressed abundantly in testis.

**Post-translational modifications:**

Phosphorylated upon DNA damage, probably by ATM or ATR.

**DISEASE:**

Note=A chromosomal aberration involving MLLT10 is associated with acute leukemias. Translocation t(10;11)(p12;q23) with MLL/HRX. The result is a rogue activator protein.



Note=A chromosomal aberration involving MLLT10 is associated with diffuse histiocytic lymphomas.  
Translocation t(10;11)(p13;q14) with PICALM.

**Similarity:**

Contains 2 PHD-type zinc fingers.

**SWISS:**

P55197

**Gene ID:**

8028

**Important Note:**

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