



AF-10 Polyclonal Antibody

Catalog No	YP-Ab-01521
Isotype	IgG
Reactivity	Human;Mouse
Applications	WB;IHC;IF;ELISA
Gene Name	MLLT10
Immunogen	The antiserum was produced against synthesized peptide derived from human AF10. AA range:211-260
Specificity	AF-10 Polyclonal Antibody detects endogenous levels of AF-10 protein.
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source	Polyclonal, Rabbit,IgG
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	Western Blot: 1/500 - 1/2000. Immunohistochemistry: 1/100 - 1/300. Immunofluorescence: 1/200 - 1/1000. ELISA: 1/10000. Not yet tested in other applications.
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	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; DKFZp686E10210;MGC75086;MLLT 10;MLLT10;Myeloid/lymphoid or mixed lineage leukemia (trithorax homolog Drosophila) translocated to 10;Myeloid/lymphoid or mixed lineage leukemia translocated to 10;OTTHUMP00000045273; Protein AF 10;Protein AF-10;Protein AF10;Type I AF10 protein;AF-10
Observed Band	109kD
Calculated Molecular Weight	109kD
Cell Pathway	Nucleus .
Tissue Specificity	Expressed abundantly in testis.
Function	disease: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.,disease:A chromosomal aberration involving MLLT10 is associated with diffuse histiocytic lymphomas. Translocation t(10;11)(p13;q14) with PICALM.,PTM:Phosphorylated upon DNA damage, probably by ATM or



ATR.,similarity:Contains 2 PHD-type zinc fingers.,tissue specificity:Expressed abundantly in testis.,

Background

myeloid/lymphoid or mixed-lineage leukemia; translocated to, 10(MLLT10) Homo sapiens This gene encodes a transcription factor and has been identified as a partner gene involved in several chromosomal rearrangements resulting in various leukemias. Multiple transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Sep 2010],

matters needing attention

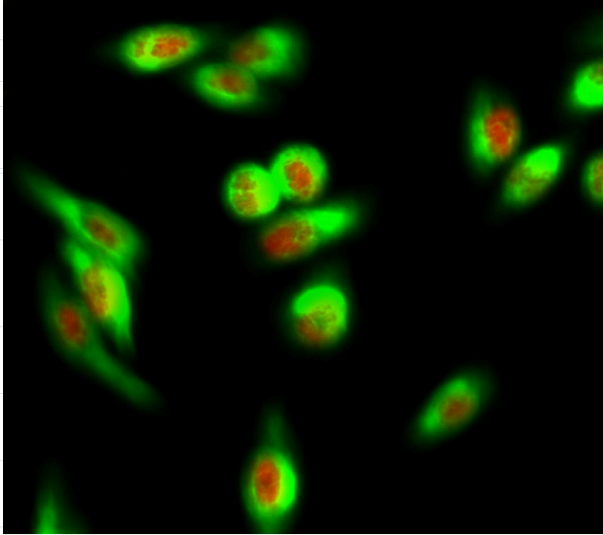
Avoid repeated freezing and thawing!

Usage suggestions

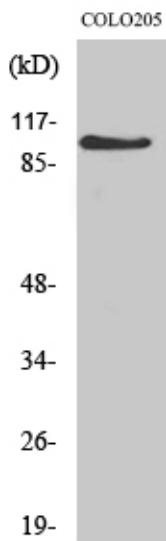
This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.



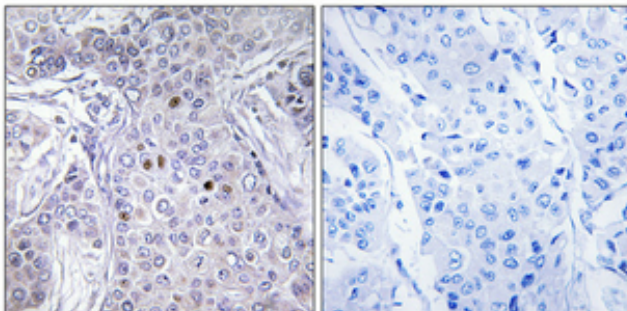
Products Images



Immunofluorescence analysis of HeLa cell. 1, AF-10 Polyclonal Antibody (red) was diluted at 1:200 (4° overnight). COX IV Monoclonal Antibody (6C8) (green) was diluted at 1:200 (4° overnight). 2, Goat Anti Rabbit Alexa Fluor 594 Catalog: RS3611 was diluted at 1:1000 (room temperature, 50min). Goat Anti Mouse Alexa Fluor 488 Catalog: RS3208 was diluted at 1:1000 (room temperature, 50min).



Western Blot analysis of various cells using AF-10 Polyclonal Antibody diluted at 1:1000



Immunohistochemical analysis of paraffin-embedded Human breast cancer. Antibody was diluted at 1:100 (4° overnight). High-pressure and temperature Tris-EDTA, pH 8.0 was used for antigen retrieval. Negative control (right) obtained from antibody was pre-absorbed by immunogen peptide.



COLO 205 JK

Western blot analysis of lysates from COLO205 and Jurkat cells, using AF10 Antibody. The lane on the right is blocked with the synthesized peptide.

