

AFF1 antibody

Product Information

Catalog No.:	FNab00195
Size:	100µg
Form:	liquid
Purification:	Immunogen affinity purified
Purity:	≥95% as determined by SDS-PAGE
Host:	Rabbit
Clonality:	polyclonal
Clone ID:	None
IsoType:	IgG
Storage:	PBS with 0.02% sodium azide and 50% glycerol pH 7.3, -20°C for 12 months (Avoid repeated freeze / thaw cycles.)

Background

This gene encodes a member of the AF4/ lymphoid nuclear protein related to AF4/Fragile X E mental retardation syndrome family of proteins, which have been implicated in childhood lymphoblastic leukemia, Fragile X E site mental retardation, and ataxia. It is the prevalent mixed-lineage leukemia fusion gene associated with spontaneous acute lymphoblastic leukemia. Members of this family have three conserved domains: an N-terminal homology domain, an AF4/ lymphoid nuclear protein related to AF4/Fragile X E mental retardation syndrome domain, and a C-terminal homology domain. The protein functions as a regulator of RNA polymerase II-mediated transcription through elongation and chromatin remodeling functions. Through RNA interference screens, this gene has been shown to promote the expression of CD133, a plasma membrane glycoprotein required for leukemia cell survival. Alternative splicing results in multiple transcript variants.

Immunogen information

Immunogen:	AF4/FMR2 family, member 1
Synonyms:	AF4/FMR2 family member 1 ALL1-fused gene from chromosome 4 protein (Protein AF-4) Protein FEL Proto-oncogene AF4 AFF1 AF4 FEL MLLT2 PBM1
Observed MW:	131 kDa
Uniprot ID :	P51825

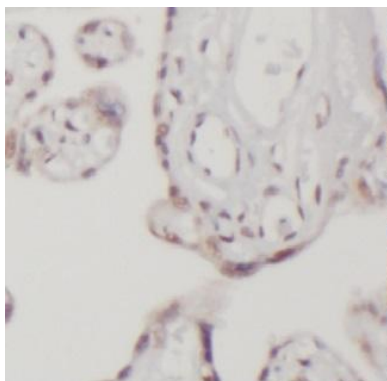
Application

Reactivity: Human, rat

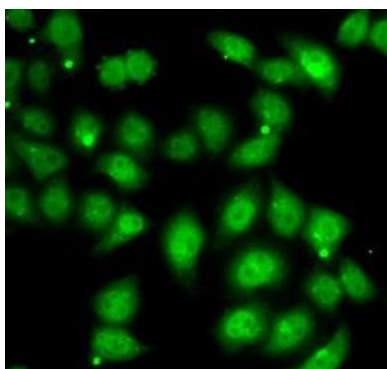
Tested Application: ELISA, WB, IHC, IF

Recommended dilution: WB: 1:500 - 1:2000; IHC: 1:50 - 1:200; IF: 1:50 - 1:100

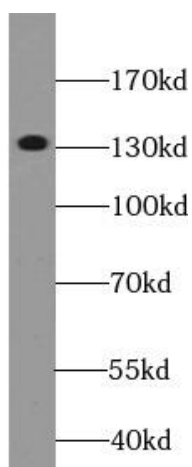
Image:



Immunohistochemistry of paraffin-embedded human placenta tissue slide using FNab00195(AFF1 Antibody) at dilution of 1:100



Immunofluorescence analysis of U2OS cells using FNab00195(AFF1-Specific antibody).



K-562 cells were subjected to SDS PAGE followed by western blot with FNab00195(AFF1-Specific antibody) at dilution of 1:1000