

## anti- AFF1-Specific 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:	AFF1, MLLT2, AF4 MLL, PBM1, AF 4
Observed MW:	131 kDa
Uniprot ID :	P51825

### Wuhan Fine Biotech Co., Ltd.

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[www.fn-test.com](http://www.fn-test.com)

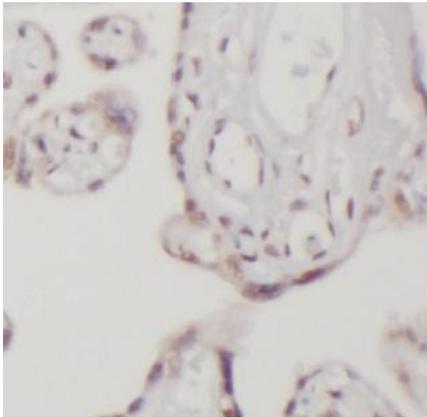
## Application

Reactivity: Human, rat

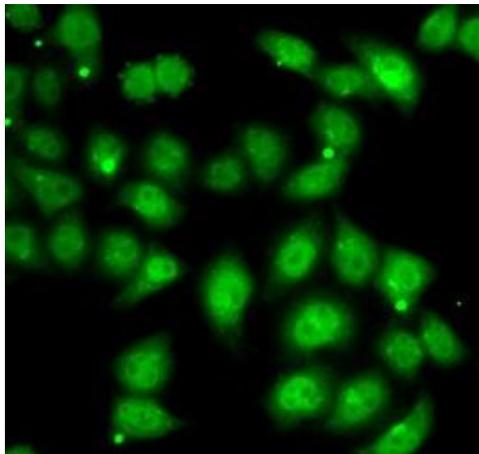
Tested Application: ELISA, WB, IHC, IF

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).

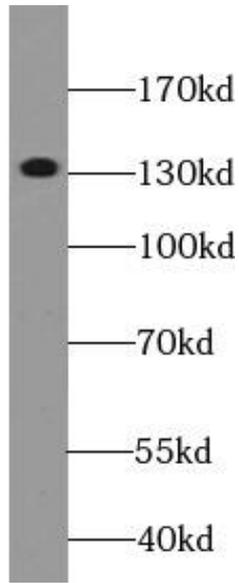
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K-562 cells were subjected to SDS PAGE followed by western blot with FNab00195(AFF1-Specific antibody) at dilution of 1:1000

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