anti- CD133 antibody

Product Information

Catalog No.:	FNab01418
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℃ for 12 months (Avoid repeated freeze / thaw cycles.)

Background

This gene encodes a pentaspan transmembrane glycoprotein. The protein localizes to membrane protrusions and is often expressed on adult stem cells, where it is thought to function in maintaining stem cell properties by suppressing differentiation. Mutations in this gene have been shown to result in retinitis pigmentosa and Stargardt disease. Expression of this gene is also associated with several types of cancer. This gene is expressed from at least five alternative promoters that are expressed in a tissue-dependent manner. Multiple transcript variants encoding different isoforms have been found for this gene.

Immunogen information

Immunogen:	prominin 1
Synonyms:	AC133, Antigen AC133, CD133, CORD12, MCDR2, MSTP061, PROM1, PROM1 1, PROM1 1, 2, 3, PROM1 1, 2, 3, 5, 7, PROM1 1, 6, 7, PROM1 2, PROM1 2, 3, 4, 5, prominin 1, Prominin like protein 1, PROML1, RP41, STGD4
Observed MW:	115 kDa
Uniprot ID :	O43490

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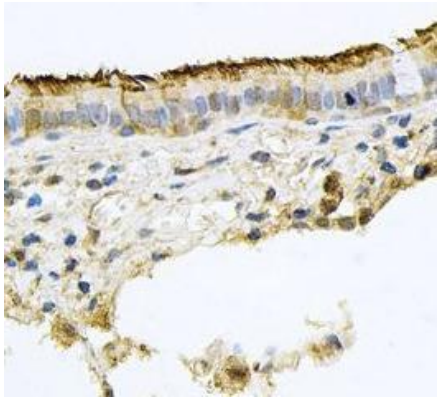
Application

Reactivity: Human, Mouse, Rat

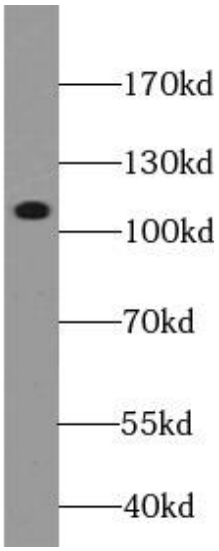
Tested Application: ELISA, WB, IHC, IF

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

Image:



Immunohistochemistry of paraffin-embedded human lung tissue slide using FNab01418(CD133 Antibody) at dilution of 1:100



mouse kidney tissue were subjected to SDS PAGE followed by western blot with FNab01418(CD133 antibody) at dilution of 1:1000

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