

À des fins de recherche uniquement

# Anticorps Polyclonal de lapin anti-CD133-1,2,4,7



Numéro de catalogue:19945-1-AP

## Informations de base

Numéro de catalogue:  
19945-1-AP

Taille:  
150ul , Concentration: 300 µg/ml by  
Nanodrop and 167 µg/ml by Bradford  
method using BSA as the standard;

Hôte:  
Lapin

Isotype:  
IgG

Numéro d'acquisition GenBank:  
NM\_001145851

Identification du gène (NCBI):  
8842

Nom complet:  
prominin 1

MW calculé  
97 kDa

MW observés:  
115 kDa

Méthode de purification:  
Purification par affinité contre  
l'antigène

Dilutions recommandées:  
WB 1:200-1:1000  
IP 0.5-4.0 ug for IP and 1:200-1:1000  
for WB  
IHC 1:50-1:500

## Applications

Applications testées:  
IHC, IP, WB,ELISA

Spécificité de l'espèce:  
Humain, souris

**Remarque-IHC: il est suggéré de démasquer l'antigène avec un tampon de TE buffer pH 9.0; (\*) À défaut, 'le démasquage de l'antigène peut être 'effectué avec un tampon citrate pH 6,0.**

Contrôles positifs:

WB : cellules Y79, tissu pulmonaire de souris

IP : cellules Y79,

IHC : tissu de gliome humain,

## Informations générales

CD133, also known as PROM1 (prominin-1) or AC133, belongs to the prominin family. CD133 is a transmembrane glycoprotein with an NH<sub>2</sub>-terminal extracellular domain, five transmembrane loops and a cytoplasmic tail. The expression of CD133 has been reported in hematopoietic stem cells, endothelial progenitor cells, neuronal and glial stem cells, suggesting the potential role of CD133 as a cell surface marker of adult stem cells. CD133 has also been reported as a marker of cancer stem cells in various human tumors. This antibody recognizes transcript variant 1,2,4,7 (UNIPROT has updated the info of isoforms)of CD133.

## Stockage

Stockage:

Stocker à -20°C. Stable pendant un an après l'expédition.

Tampon de stockage:

PBS avec azoture de sodium à 0,02 % et glycérol à 50 % pH 7,3

L'aliquotage n'est pas nécessaire pour le stockage à -20C

\*\*\* Les 20ul contiennent 0,1% de BSA.

For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free  
in USA), or 1(312) 455-8498 (outside USA)

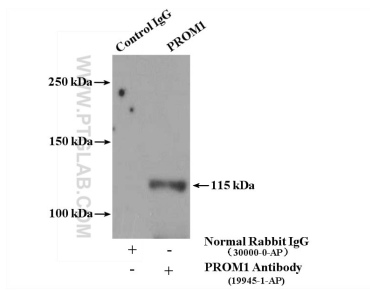
E: proteintech@ptglab.com  
W: ptglab.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

## Données de validation sélectionnées



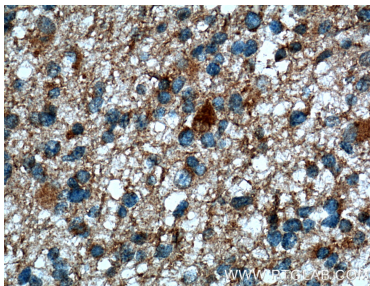
Y79 cells were subjected to SDS PAGE followed by western blot with 19945-1-AP (PROM1-1,2,3,5,7 antibody) at dilution of 1:100 incubated at room temperature for 1.5 hours.



IP Result of anti-CD133-1,2,4,7 (IP:19945-1-AP, 4ug; Detection:19945-1-AP 1:300) with Y79 cells lysate 2000ug.



Immunohistochemical analysis of paraffin-embedded human gliomas tissue slide using 19945-1-AP (CD133-1,2,4,7 antibody at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded human gliomas tissue slide using 19945-1-AP (CD133-1,2,4,7 antibody at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).