

À des fins de recherche uniquement

Anticorps Polyclonal de lapin anti-CD133



Numéro de catalogue: 18470-1-AP

Phare

206 Publications

Informations de base

Numéro de catalogue: 18470-1-AP	Numéro d'acquisition GenBank: BC012089	Méthode de purification: Purification par affinité contre l'antigène
Taille: 150ul, Concentration: 1100 µg/ml by Nanodrop;	Identification du gène (NCBI): 8842	Dilutions recommandées: WB 1:2000-1:10000 IHC 1:4000-1:16000 IF 1:50-1:500
Hôte: Lapin	Nom complet: prominin 1	
Isotype: IgG	MW calculé: 97 kDa	
Immunogen Catalog Number: AG13328	MW observés: 115 kDa-120 kDa	

Applications

Applications testées:
FC, IF, IHC, WB, ELISA

Demandes citées:
FC, IF, IHC, WB

Spécificité de l'espèce:
Humain, rat, souris

Espèces citées:
Humain, rat, souris

Contrôles positifs:

WB : cellules HT-29, cellules Caco-2, tissu pancréatique de souris, tissu rénal de rat, tissu rénal de souris

IHC : tissu rénal de souris,

IF : tissu rénal de 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.

Informations générales

CD133, also known as PROM1 (prominin-1) or AC133, belongs to the prominin family. CD133 is a transmembrane glycoprotein with an NH₂-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.

Publications notables

Autrice	Pubmed ID	Journal	Application
Yang Liu	27685621	Cell Death Dis	WB,IF
Qiu-Zhong Pan	25267273	Stem Cells	WB, IHC
Chenlong Li	31558707	Cell Death Dis	WB

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.

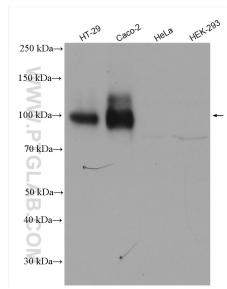
For technical support and original validation data for this product please contact:

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

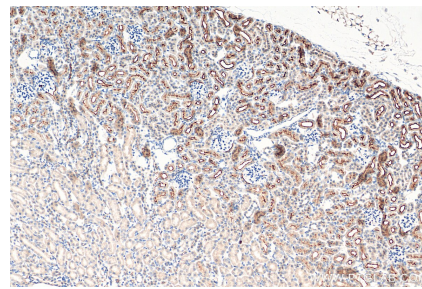
E: proteintech@ptglab.com
W: ptglab.com

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

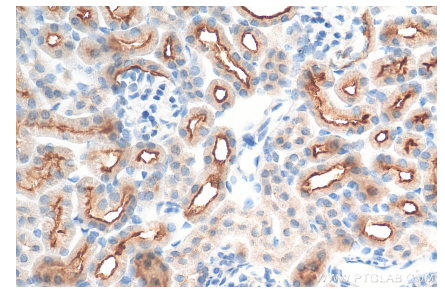
Données de validation sélectionnées



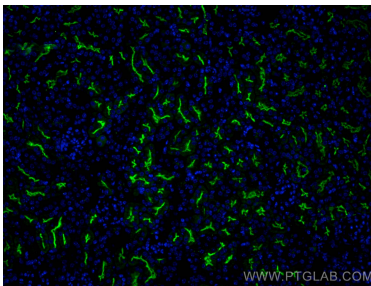
Various lysates were subjected to SDS PAGE followed by western blot with 18470-1-AP (CD133 antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours.



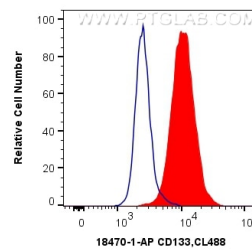
Immunohistochemical analysis of paraffin-embedded mouse kidney tissue slide using 18470-1-AP (CD133 antibody) at dilution of 1:8000 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded mouse kidney tissue slide using 18470-1-AP (CD133 antibody) at dilution of 1:8000 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunofluorescent analysis of (4% PFA) fixed mouse kidney tissue using CD133 antibody (18470-1-AP) at dilution of 1:200 and CoraLite@488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).



1x10⁶ HT-29 cells were intracellularly stained with 0.4 ug Anti-Human CD133 (18470-1-AP) and CoraLite@488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L) at dilution 1:1000 (red), or 0.4 ug Control Antibody. Cells were fixed with 4% PFA and permeabilized with Flow Cytometry Perm Buffer (PF00011-C).