

À des fins de recherche uniquement

Anticorps Polyclonal de lapin anti-CD44



Numéro de catalogue: 15675-1-AP

Phare

257 Publications

Informations de base

Numéro de catalogue:

15675-1-AP

Taille:

150ul, Concentration: 700 µg/ml by Nanodrop;

Hôte:

Lapin

Isotype:

IgG

Immunogen Catalog Number:

AG8143

Numéro d'acquisition GenBank:

BC004372

Identification du gène (NCBI):

960

Nom complet:

CD44 molecule (Indian blood group)

MW calculé

742 aa, 82 kDa

MW observés:

80-95 kDa

Méthode de purification:

Purification par affinité contre l'antigène

Dilutions recommandées:

WB 1:2000-1:16000

IP 0.5-4.0 µg for IP and 1:1000-1:4000 for WB

IHC 1:500-1:2000

IF 1:50-1:500

Applications

Applications testées:

FC, IF, IHC, IP, WB, ELISA

Demandes citées:

Cell treatment, CoIP, FC, IF, IHC, WB

Spécificité de l'espèce:

Humain, rat, souris

Espèces citées:

bovin, Humain, rat, souris, cerf Sika

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 MDA-MB-231, cellules A549, cellules HeLa, cellules HUVEC, tissu de thymus de souris

IP : cellules HeLa,

IHC : tissu de cancer du poumon humain, tissu cutané de souris, tissu de cancer de l'œsophage humain, tissu de cancer du côlon humain

IF : cellules HeLa, tissu de cancer du côlon humain

Informations générales

CD44 is a type I transmembrane glycoprotein that mediates cell-cell and cell-matrix interactions through its affinity for hyaluronic acid (HA) and possibly also through its affinity for other ligands. Adhesion with HA plays an important role in cell migration, tumor growth and progression. CD44 is also involved in lymphocyte activation, recirculation and homing, and in hematopoiesis. This protein exists in multiple forms (with molecular weight ranging from 16 kDa to over 200 kDa) generated by alternative RNA splicing and extensive post-translational modifications.

Publications notables

Autrice	Pubmed ID	Journal	Application
Lei Liu	27729869	Front Physiol	WB
Yuting He	30288117	Cancer Manag Res	IHC,IF,WB
Rong Ding	34553339	J Physiol Biochem	WB, IHC

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.

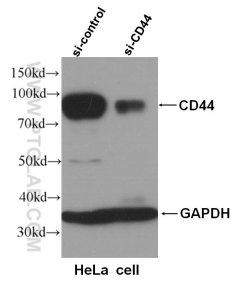
For technical support and original validation data for this product please contact:

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

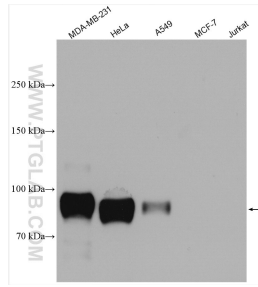
E: proteintech@ptglab.com
W: ptglab.com

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

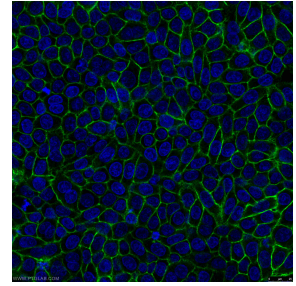
Données de validation sélectionnées



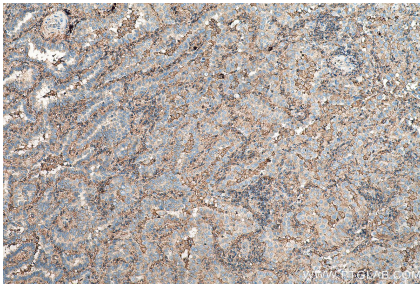
WB result of CD44 antibody (15675-1-AP, 1:6000) with si-Control and si-CD44 transfected HeLa cells.



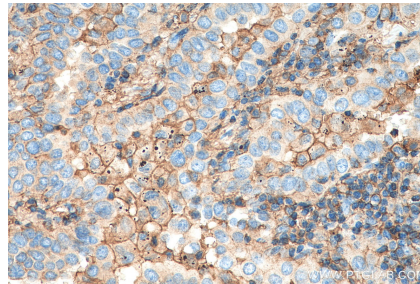
MDA-MB-231 (CD44+), HeLa (CD44+), A549 (CD44+), MCF-7, Jurkat cell lysates were subjected to SDS PAGE followed by western blot with 15675-1-AP (CD44 antibody) at dilution of 1:8000 incubated at room temperature for 1.5 hours.



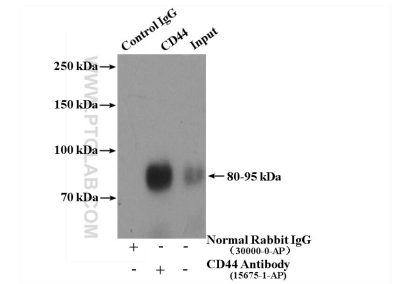
Immunofluorescent analysis of (-20°C Ethanol) fixed HeLa cells using 15675-1-AP (CD44 antibody) at dilution of 1:200 and Alexa Fluor 488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).



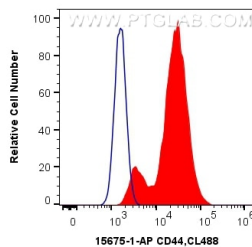
Immunohistochemical analysis of paraffin-embedded human lung cancer tissue slide using 15675-1-AP (CD44 antibody) at dilution of 1:1000 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded human lung cancer tissue slide using 15675-1-AP (CD44 antibody) at dilution of 1:1000 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



IP Result of anti-CD44 (IP:15675-1-AP, 4ug; Detection:15675-1-AP 1:2000) with HeLa cells lysate 2400ug.



1×10^6 HeLa cells were surface stained with 0.4 ug Anti-Human CD44 (15675-1-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 not fixed.