

Nur für Forschungszwecke

CD44 Polyklonaler Antikörper

Katalog-Nr.:15675-1-AP

Vorgestelltes Produkt

234 Publikationen



Allgemeine Informationen

Katalog-Nr.: 15675-1-AP	GenBank-Zugangsnummer: BC004372	Reinigungsmethode: Antigen-Affinitätsreinigung
Größe: 150ul , Konzentration: 700 µg/ml von Nanodrop;	GeneID (NCBI): 960	Empfohlene Verdünnungen: WB 1:2000-1:16000 IP 0.5-4.0 ug für IP und 1:1000-1:4000 für WB
Wirt: Kaninchen	Vollständiger Name: CD44 molecule (Indian blood group)	IHC 1:500-1:2000 IF 1:50-1:500
Isotyp: IgG	Berechnete Masse: 742 aa, 82 kDa	
Immunogen Katalognummer: AG8143	Beobachtete Masse: 80-95 kDa	

Anwendungen

Geprüfte Anwendungen:
FC, IF, IHC, IP, WB, ELISA

In Publikationen genannte Anwendungen:
Cell treatment, CoIP, FC, IF, IHC, WB

Getestete Reaktivität:
Human, Maus, Ratte

Zitierte Arten:
Human, Maus, Ratte, Rind, Sikahirsch

Hinweis-IHC: Antigenmaskierung mit TE-Puffer pH 9,0 empfohlen. (*) Wahlweise kann die Antigenmaskierung auch mit Citratpuffer pH 6,0 erfolgen.

Positivkontrollen:

WB: MDA-MB-231-Zellen, A549-Zellen, HeLa-Zellen, HUVEC-Zellen, Maus-Thymusgewebe

IP: HeLa-Zellen,

IHC: humanes Lungenkarzinomgewebe, humanes Kolonkarzinomgewebe, humanes Ösophaguskarzinomgewebe

IF: HeLa-Zellen, humanes Kolonkarzinomgewebe

Hintergrundinformationen

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.

Bemerkenswerte Veröffentlichungen

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

Lagerung

Lagerungsbedingungen:

Bei -20°C lagern. Nach dem Versand ein Jahr lang stabil

Lagerungspuffer:

PBS mit 0.02% Natriumazid und 50% Glycerin pH 7.3.

Aliquotieren ist nicht notwendig bei -20°C Lagerung

*** 20ul-Größen enthalten 0.1% BSA

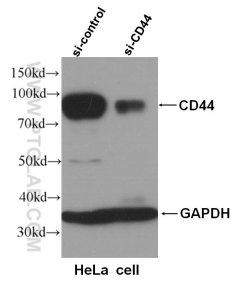
For technical support and original validation data for this product please contact:

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

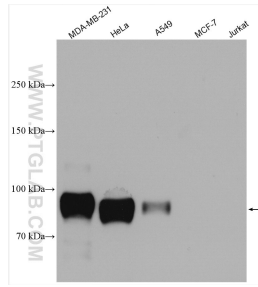
E: proteintech@ptglab.com
W: ptglab.com

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

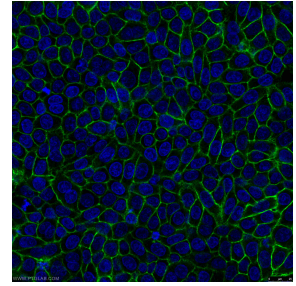
Ausgewählte Validierungsdaten



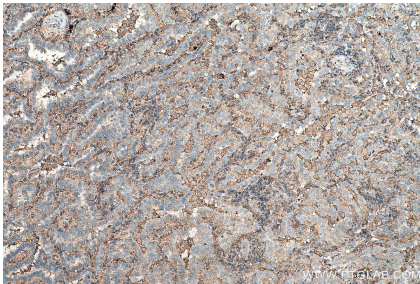
WB result of CD44 antibody (15675-1-AP, 1:6000) with si-Control and si-CD44 transfected HeLa cells.



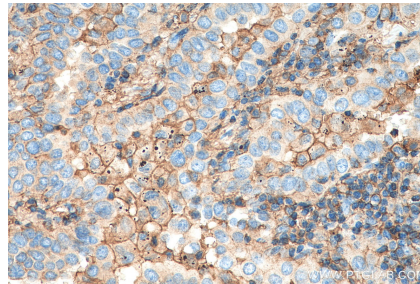
MDA-MB-231 (CD44+), HeLa (CD44+), A549 (CD44+), MCF-7, Jurkat cell lysates were subjected to SDS PAGE followed by western blot with 15675-1-AP (CD44 antibody) at dilution of 1:8000 incubated at room temperature for 1.5 hours.



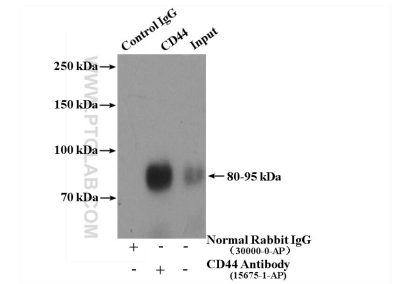
Immunofluorescent analysis of (-20°C Ethanol) fixed HeLa cells using 15675-1-AP (CD44 antibody) at dilution of 1:200 and Alexa Fluor 488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).



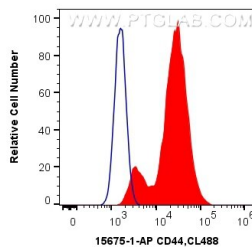
Immunohistochemical analysis of paraffin-embedded human lung cancer tissue slide using 15675-1-AP (CD44 antibody) at dilution of 1:1000 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



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.