

Nur für Forschungszwecke

CD320 Polyklonaler Antikörper

Katalog-Nr.: 10343-1-AP

Vorgestelltes Produkt

5 Publikationen



Allgemeine Informationen

Katalog-Nr.: 10343-1-AP	GenBank-Zugangsnummer: BC000668	Reinigungsmethode: Antigen-Affinitätsreinigung
Größe: 150ul, Konzentration: 213 µg/ml von Nanodrop;	GeneID (NCBI): 51293	Empfohlene Verdünnungen: WB 1:200-1:1000 IHC 1:20-1:200
Wirt: Kaninchen	Vollständiger Name: CD320 molecule	
Isotyp: IgG	Berechnete Masse: 29 kDa	
Immunogen Katalognummer: AG0344	Beobachtete Masse: 58 kDa, 60-70 kDa	

Anwendungen

Geprüfte Anwendungen:

FC, IHC, WB, ELISA

In Publikationen genannte Anwendungen:

IF, IHC, WB

Getestete Reaktivität:

Human, Maus

Zitierte Arten:

Human, Hund, Maus, Ratte

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

Positivkontrollen:

WB: HL-60-Zellen, HEK-293-Zellen, humanes Lebergewebe, Mausherzgewebe, Raji-Zellen

IHC: humanes Tonsillitisgewebe,

Hintergrundinformationen

CD320, also known as 8D6, 8D6A or TCbLR, is a single-pass type I membrane protein containing 2 LDL-receptor class A domains. Expressed abundantly on follicular dendritic cells (FDCs), CD320 has been shown to enhance proliferation of germinal center (GC) B cells. It is the receptor for cellular uptake of transcobalamin-bound cobalamin. Defects in CD320 are the cause of methylmalonic aciduria type TCbLR (MMATC). CD320 has a calculated molecular mass of 29 kDa. This antibody raised against 84-280aa of human CD320 protein detects bands at 58 kDa and 60-70 kDa. The aberrant mobility of the protein by SDS-PAGE is probably caused by extensive complex glycosylation (PMID: 18779389; 23415653).

Bemerkenswerte Veröffentlichungen

Verfasser	Pubmed ID	Journal	Anwendung
Yuri Kinoshita	29966424	Mol Pharm	
Yue Chen	34998874	Int J Biol Macromol	IF
David J Elzi	33629776	FASEB J	WB, IF

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

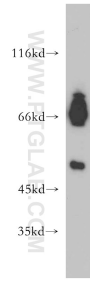
For technical support and original validation data for this product please contact:

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

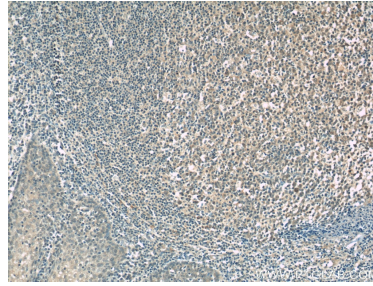
E: proteintech@ptglab.com
W: ptglab.com

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

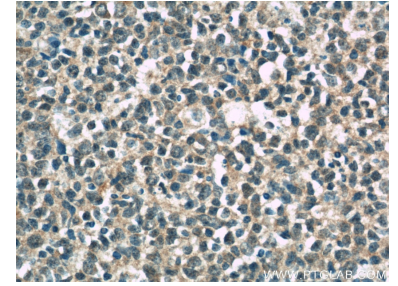
Ausgewählte Validierungsdaten



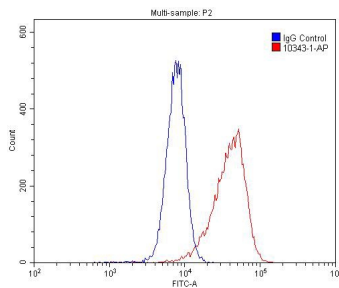
HL-60 cells were subjected to SDS PAGE followed by western blot with 10343-1-AP (CD320 antibody) at dilution of 1:300 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human tonsillitis using 10343-1-AP (CD320 antibody) at dilution of 1:50 (under 10x lens).



Immunohistochemical analysis of paraffin-embedded human tonsillitis using 10343-1-AP (CD320 antibody) at dilution of 1:50 (under 40x lens).



1X10⁶ HL-60 cells were stained with 0.2ug CD320 antibody (10343-1-AP, red) and control antibody (blue). Fixed with 4% PFA blocked with 3% BSA (30 min). Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L) with dilution 1:1500.