

Nur für Forschungszwecke

FCGR2A / CD32a Monoklonaler Antikörper

Katalog-Nr.:66529-1-Ig



Allgemeine Informationen

Katalog-Nr.: 66529-1-Ig	GenBank-Zugangsnummer: BC020823	Reinigungsmethode: Protein-A-Reinigung
Größe: 150ul , Konzentration: 1800 µg/ml von2212 Nanodrop und 1000 µg/ml durch die Bradford-Methode mit BSA als Standard;	GeneID (NCBI): Vollständiger Name: Fc fragment of IgG, low affinity IIa, receptor (CD32)	CloneNo.: 1D3F1
Wirt: Maus	Berechnete Masse: 35 kDa	Empfohlene Verdünnungen: WB 1:5000-1:20000 IHC 1:2500-1:10000 IF 1:400-1:1600
Isotyp: IgG2b	Beobachtete Masse: 42 kDa	
Immunogen Katalognummer: AG25878		

Anwendungen

Geprüfte Anwendungen: FC, IF, IHC, WB, ELISA	Positivkontrollen:
Getestete Reaktivität: Human	WB : U-937-Zellen, K-562-Zellen, Raji-Zellen, THP-1-Zellen
Hinweis-IHC: Antigenmaskierung mit TE-Puffer pH 9,0 empfohlen. (*) Wahlweise kann die Antigenmaskierung auch mit Citratpuffer pH 6,0 erfolgen.	IHC : humanes Leberkarzinomgewebe, humanes Tonsillitisgewebe
	IF : THP-1-Zellen,

Hintergrundinformationen

IgG Fc receptors (FcγRs) play important roles in immune responses. Low affinity IgG Fc receptor Fc gamma RIIa (FCGR2A, CD32a) is a cell surface receptor found on phagocytic cells such as macrophages and neutrophils, and is involved in the process of phagocytosis and clearing of immune complexes.

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

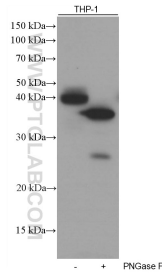
For technical support and original validation data for this product please contact:

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

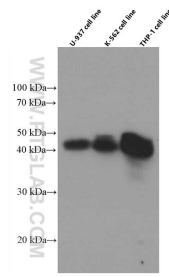
E: proteintech@ptglab.com
W: ptglab.com

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

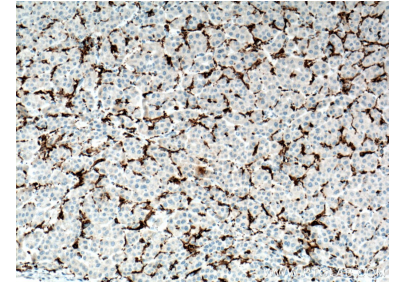
Ausgewählte Validierungsdaten



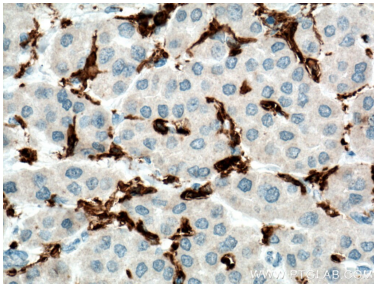
Untreated and PNGase F-treated lysates of THP-1 cells were subjected to SDS PAGE followed by western blot with 66529-1-Ig (FCGR2A / CD32a antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours. PNGase F was obtained from Atagenix (cat.NO. ata808).



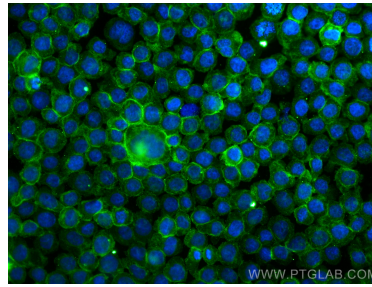
Various lysates were subjected to SDS PAGE followed by western blot with 66529-1-Ig (FCGR2A / CD32a antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours.



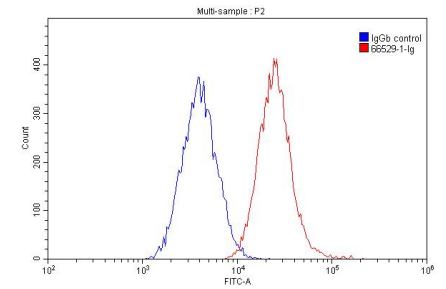
Immunohistochemical analysis of paraffin-embedded human liver cancer tissue slide using 66529-1-Ig (FCGR2A / CD32a antibody) at dilution of 1:5000 (under 10x lens. Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded human liver cancer tissue slide using 66529-1-Ig (FCGR2A / CD32a antibody) at dilution of 1:5000 (under 40x lens. Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunofluorescent analysis of (4% PFA) fixed THP-1 cells using FCGR2A / CD32a antibody (66529-1-Ig, Clone: 1D3F1) at dilution of 1:800 and CoraLite® 488-Conjugated AffiniPure Goat Anti-Mouse IgG(H+L).



1×10^6 THP-1 cells were stained with 0.20ug FCGR2A / CD32a antibody (66529-1-Ig, red) and control antibody (blue). Fixed with 90% MeOH.