

À des fins de recherche uniquement

Anticorps Monoclonal anti-FCGR2A / CD32a



Numéro de catalogue: 66529-1-Ig

Informations de base

Numéro de catalogue: 66529-1-Ig	Numéro d'acquisition GenBank: BC020823	Méthode de purification: Purification par protéine A
Taille: 150ul , Concentration: 1800 µg/ml by Nanodrop and 1000 µg/ml by Bradford method using BSA as the standard;	Identification du gène (NCBI): 2212	CloneNo.: 1D3F1
Hôte: Mouse	Nom complet: Fc fragment of IgG, low affinity IIa, receptor (CD32)	Dilutions recommandées: WB 1:5000-1:20000 IHC 1:2500-1:10000 IF 1:200-1:800
Isotype: IgG2b	MW calculé: 35 kDa	
Immunogen Catalog Number: AG25878	MW observés: 42 kDa	

Applications

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

Spécificité de l'espèce:
Humain

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 U-937, cellules K-562, cellules Raji, cellules THP-1

IHC : tissu de cancer du foie humain, tissu d'amygdales humain

IF : cellules THP-1,

Informations générales

IgG Fc receptors (Fcγ Rs) 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.

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.

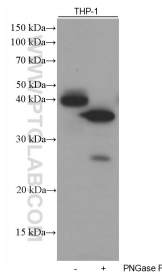
For technical support and original validation data for this product please contact:

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

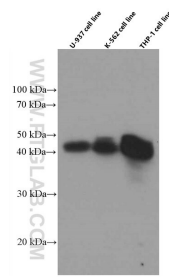
E: proteintech@ptglab.com
W: ptglab.com

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

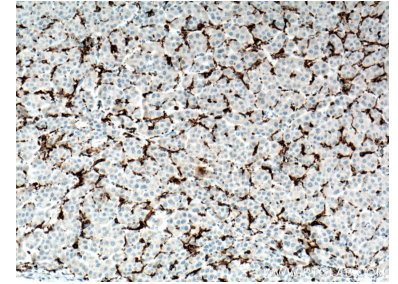
Données de validation sélectionnées



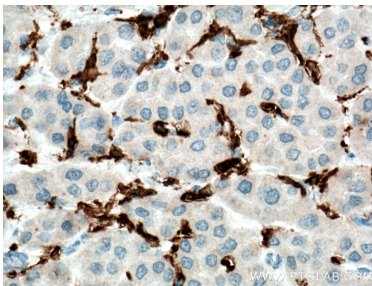
Untreated and PNGase F-treated lysates of THP-1 cells were subjected to SDS PAGE followed by western blot with 66529-1-Ig (FCGR2A / CD32a antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours. PNGase F was obtained from Atagenix (cat.NO. ata808).



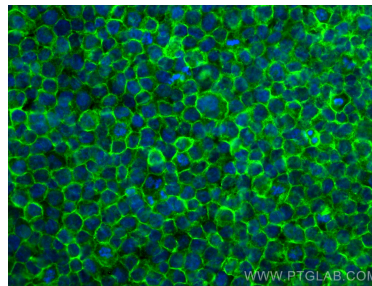
Various lysates were subjected to SDS PAGE followed by western blot with 66529-1-Ig (FCGR2A / CD32a antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours.



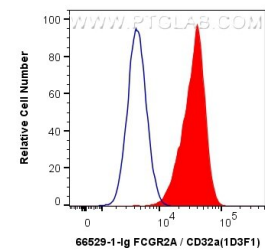
Immunohistochemical analysis of paraffin-embedded human liver cancer tissue slide using 66529-1-Ig (FCGR2A / CD32a antibody) at dilution of 1:5000 (under 10x lens. Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



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 1:400 and CoraLite@488-Conjugated AffiniPure Goat Anti-Mouse IgG(H+L).



1X10⁶ THP-1 cells were intracellularly stained with 0.4 ug Anti-Human FCGR2A / CD32a (66529-1-Ig, Clone:1D3F1) and CoraLite@488-Conjugated AffiniPure Goat Anti-Mouse IgG(H+L) at dilution 1:1000 (red), or 0.4 ug Mouse IgG2b Isotype Control (MPC-11) (65128-1-Ig, Clone: MPC-11) and CoraLite@488-Conjugated AffiniPure Goat Anti-Mouse IgG(H+L) at dilution 1:1000 (blue). Cells were fixed with 4% PFA and permeabilized with Flow Cytometry Perm