

For Research Use Only

FCGR2A / CD32a Monoclonal antibody, PBS Only



Catalog Number: 66529-1-PBS

Basic Information

Catalog Number:

66529-1-PBS

Size:

1 mg/ml

Source:

Mouse

Isotype:

IgG2b

Immunogen Catalog Number:

AG25878

GenBank Accession Number:

BC020823

GeneID (NCBI):

2212

UNIPROT ID:

P12318

Full Name:

Fc fragment of IgG, low affinity IIa, receptor (CD32)

Calculated MW:

35 kDa

Observed MW:

42 kDa

Purification Method:

Protein A purification

CloneNo.:

1D3F1

Applications

Tested Applications:

WB,IF,IHC,ELISA

Species Specificity:

Human

Background Information

IgG Fc receptors (Fc γ Rs) play important roles in immune responses. Low affinity IgG Fc receptor Fc gamma RIla (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.

Storage

Storage:

Store at -80°C.

Storage Buffer:

PBS only

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

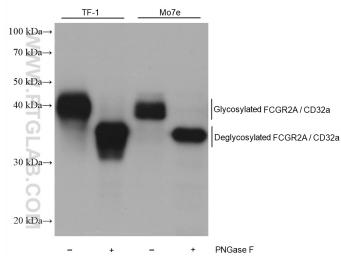
T: 4006900926

E: Proteintech-CN@ptglab.com

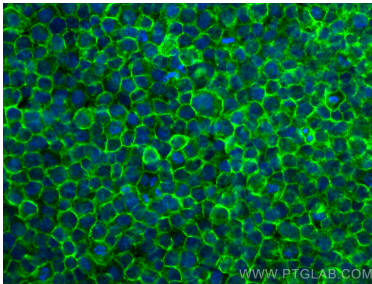
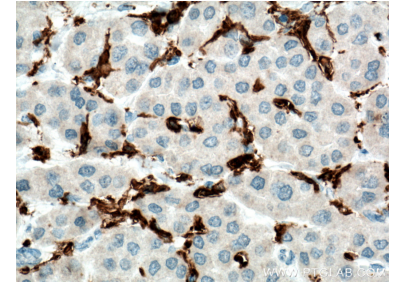
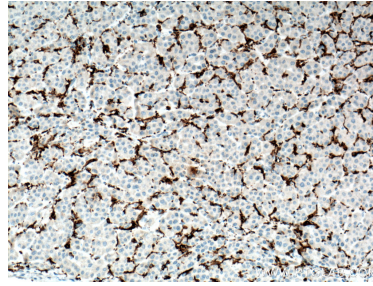
W: ptgcn.com

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Selected Validation Data



Untreated and PNGase F-treated lysates of THP-1 cells and Mo7e 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. This data was developed using the same antibody clone with 66529-1-PBS in a different storage buffer formulation.



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). This data was developed using the same antibody clone with 66529-1-PBS in a different storage buffer formulation.