

For Research Use Only

# FCGR2A / CD32a Monoclonal antibody, PBS Only



Catalog Number: 66529-1-PBS

## Basic Information

<b>Catalog Number:</b> 66529-1-PBS	<b>GenBank Accession Number:</b> BC020823	<b>Purification Method:</b> Protein A purification
<b>Size:</b> 100ug , Concentration: 1 mg/ml by Nanodrop;	<b>GeneID (NCBI):</b> 2212	<b>CloneNo.:</b> 1D3F1
<b>Source:</b> Mouse	<b>UNIPROT ID:</b> P12318	
<b>Isotype:</b> IgG2b	<b>Full Name:</b> Fc fragment of IgG, low affinity IIa, receptor (CD32)	
<b>Immunogen Catalog Number:</b> AG25878	<b>Calculated MW:</b> 35 kDa	
	<b>Observed MW:</b> 42 kDa	

## Applications

**Tested Applications:**  
WB, IF, IHC, ELISA

**Species Specificity:**  
Human

## Background Information

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.

## Storage

**Storage:**  
Store at -80°C.

**Storage Buffer:**  
PBS only

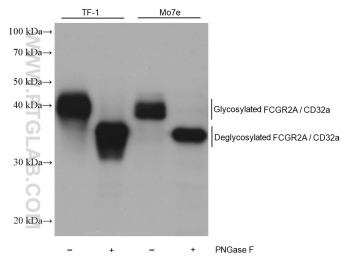
For technical support and original validation data for this product please contact:

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

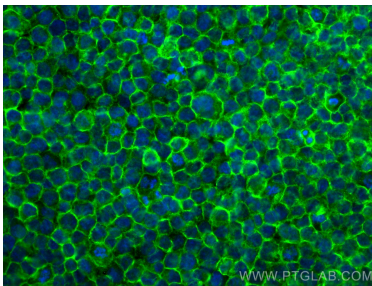
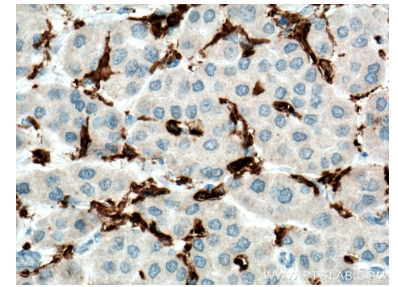
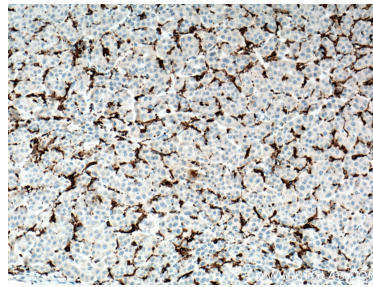
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## Selected Validation Data



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.