

For Research Use Only

FCGR2A / CD32a Polyclonal ANTIBODY



Catalog Number: 15625-1-AP **4 Publications**

Basic Information

Catalog Number: 15625-1-AP	GenBank Accession Number: BC020823	Purification Method: Antigen affinity purification
Size: 150UL, Concentration: 347 µg/ml by Bradford method using BSA as the standard;	GeneID (NCBI): 2212	Recommended Dilutions: WB 1:500-1:1000
Source: Rabbit	Full Name: Fc fragment of IgG, low affinity IIa, receptor (CD32)	
Isotype: IgG	Calculated MW: 35 kDa	
Immunogen Catalog Number: AG8072	Observed MW: 45 kDa	

Applications

Tested Applications: FC, WB, ELISA	Positive Controls: WB: U-937 cells,
Cited Applications: IF, WB	
Species Specificity: human	
Cited Species: human, rat	

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.

Notable Publications

Author	Pubmed ID	Journal	Application
Luodan Yang	29056360	Exp Neurol	WB
Nantapon Rawarak	30781856	Viruses	IF
Yujiao Lu	28157094	J Alzheimers Dis	WB

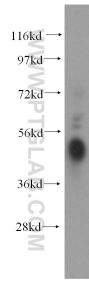
Storage

Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

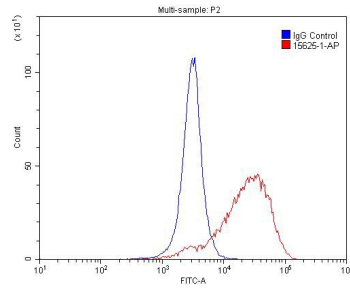
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

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

Selected Validation Data



U-937 cells were subjected to SDS PAGE followed by western blot with 15625-1-AP (FCGR2A / CD32a antibody) at dilution of 1:500 incubated at room temperature for 1.5 hours.



1X10⁶ K-562 cells were stained with 0.2ug FCGR2A / CD32a antibody (15625-1-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.