

For Research Use Only

CD32A/C Polyclonal antibody

Catalog Number: 25323-1-AP



Basic Information

Catalog Number: 25323-1-AP	GenBank Accession Number: BC137397	Purification Method: Antigen affinity purification
Size: 150ul , Concentration: 900 µg/ml by Nanodrop;	GeneID (NCBI): 9103	Recommended Dilutions: WB 1:1000-1:6000
Source: Rabbit	Full Name: Fc fragment of IgG, low affinity IIc, receptor for (CD32)	
Isotype: IgG	Calculated MW: 323 aa, 36 kDa	
Immunogen Catalog Number: AG18123	Observed MW: 40 kDa	

Applications

Tested Applications: WB, ELISA	Positive Controls: WB : K-562 cells, U-937 cells
Species Specificity: human	

Background Information

IgG Fc receptors (FcγRs) play important roles in immune responses. The low-affinity IgG Fc receptor, FcγRII (CD32), consists of a family of primarily cell membrane receptor proteins: CD32A, CD32B, and CD32C. They are encoded by the mRNA splice variants of three highly related genes: FCGR2A, FCGR2B, and FCGR2C (PMID: 30941127). CD32 is present on phagocytic cells such as macrophages and neutrophils, and is involved in the process of phagocytosis and clearing of immune complexes. This antibody raised against 254-323 aa of human CD32C (FCGR2C) can recognize both CD32A and CD32C forms.

Storage

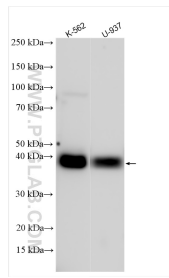
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 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

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Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 25323-1-AP (CD32A/C antibody) at dilution of 1:3000 incubated at room temperature for 1.5 hours.