

For Research Use Only

CD32A/C Polyclonal antibody

Catalog Number: 25323-1-AP



Basic Information

Catalog Number:

25323-1-AP

Size:

900 µg/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG18123

GenBank Accession Number:

BC137397

GeneID (NCBI):

9103

UNIPROT ID:

P31995

Full Name:

Fc fragment of IgG, low affinity IIc, receptor for (CD32)

Calculated MW:

323 aa, 36 kDa

Observed MW:

40 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:1000-1:6000

Applications

Tested Applications:

WB, ELISA

Species Specificity:

human

Positive Controls:

WB : K-562 cells, U-937 cells

Background Information

IgG Fc receptors (Fc γ Rs) play important roles in immune responses. The low-affinity IgG Fc receptor, Fc γ RII (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

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

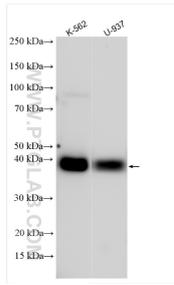
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This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

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.