

For Research Use Only

# CD32A/C Polyclonal antibody

Catalog Number: 25323-1-AP



## Basic Information

Catalog Number:

25323-1-AP

Size:

150ul, Concentration: 900 ug/ml by Nanodrop;

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 (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

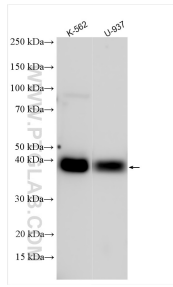
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## Selected Validation Data



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.