

For Research Use Only

# CD16 Recombinant antibody, PBS Only



Catalog Number: **83110-1-PBS**

## Basic Information

Catalog Number:

83110-1-PBS

Size:

1 mg/ml

Source:

Rabbit

Isotype:

IgG

GenBank Accession Number:

BC017865

GeneID (NCBI):

2214

ENSEMBL Gene ID:

ENSG00000203747

UNIPROT ID:

P08637

Full Name:

Fc fragment of IgG, low affinity IIIa, receptor (CD16a)

Calculated MW:

254 aa, 29 kDa

Observed MW:

55 kDa

Purification Method:

Protein A purification

CloneNo.:

230337G12

## Applications

Tested Applications:

WB, Indirect ELISA

Species Specificity:

Human

## Background Information

CD16 is a 50-70-kDa low affinity Fc receptor found on the surface of natural killer cells, neutrophil polymorphonuclear leukocytes, monocytes and macrophages. CD16 mediates antibody-dependent cellular cytotoxicity (ADCC) and other antibody-dependent responses, such as phagocytosis. CD16 has been identified as Fc receptors Fc $\gamma$  RIIIa (CD16a) and Fc $\gamma$  RIIIb (CD16b), encoded by two nearly identical genes, FCGR3A and FCGR3B.

## Storage

Storage:

Store at -80°C.

Storage Buffer:

PBS Only

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

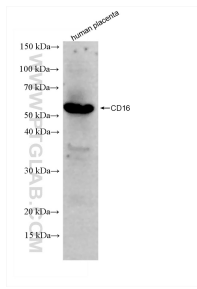
T: 4006900926

E: [Proteintech-CN@ptglab.com](mailto:Proteintech-CN@ptglab.com)

W: [ptgcn.com](http://ptgcn.com)

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## Selected Validation Data



human placenta tissue was subjected to SDS PAGE followed by western blot with 83110-1-RR (CD16 antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 83110-1-PBS in a different storage buffer formulation.