

For Research Use Only

# CD68 Recombinant antibody

Catalog Number: 83014-5-RR



## Basic Information

**Catalog Number:**

83014-5-RR

**Size:**

1000 µg/ml

**Source:**

Rabbit

**Isotype:**

IgG

**GenBank Accession Number:**

NM\_001291058.1

**GeneID (NCBI):**

12514

**UNIPROT ID:**

P31996-1

**Full Name:**

CD68 antigen

**Calculated MW:**

35 kDa

**Observed MW:**

100-120 kDa

**Purification Method:**

Protein A purification

**CloneNo.:**

230504G10

**Recommended Dilutions:**

WB 1:5000-1:50000

## Applications

**Tested Applications:**

WB, ELISA

**Species Specificity:**

Mouse, Rat

**Positive Controls:**

WB : RAW 264.7 cells, J774A.1 cells, NR8383 cells

## Background Information

CD68 is a type I transmembrane glycoprotein that is highly expressed by human monocytes and tissue macrophages. It belongs to the lysosomal/endosomal-associated membrane glycoprotein (LAMP) family and primarily localizes to lysosomes and endosomes with a smaller fraction circulating to the cell surface. CD68 is also a member of the scavenger receptor family. It may play a role in phagocytic activities of tissue macrophages.

## 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:

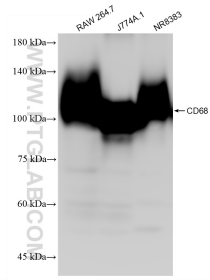
T: 4006900926

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

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

**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 83014-5-RR (CD68 antibody) at dilution of 1:20000 incubated at room temperature for 1.5 hours.