

For Research Use Only

# CD68-Specific Polyclonal antibody

Catalog Number: 16192-1-AP

3 Publications



## Basic Information

### Catalog Number:

16192-1-AP

### Size:

150ul , Concentration: 267 µg/ml by Bradford method using BSA as the standard;

### Source:

Rabbit

### Isotype:

IgG

### GenBank Accession Number:

NM\_001251

### GeneID (NCBI):

968

### UNIPROT ID:

P34810

### Full Name:

CD68 molecule

### Calculated MW:

37 kDa

### Observed MW:

100-110 kDa, 60-70 kDa

### Purification Method:

Antigen affinity purification

## Applications

### Tested Applications:

ELISA

### Cited Applications:

WB, IF, IHC

### Species Specificity:

human, mouse

### Cited Species:

human, mouse

## 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. This antibody is raised against a synthetic peptide (FPYGHLSFGFMQDLC) of human CD68.

## Notable Publications

Author	Pubmed ID	Journal	Application
Dany Arsenault	26536027	PLoS One	WB
Lena Lavie	28190059	J Vis Exp	IF
Ma Hongling H	23963755	J Am Heart Assoc	IHC

## 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:

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