

For Research Use Only

# CD68 Monoclonal antibody

Catalog Number: 66231-1-Ig **12 Publications**



## Basic Information

<b>Catalog Number:</b> 66231-1-Ig	<b>GenBank Accession Number:</b> BC015557	<b>Purification Method:</b> Protein G purification
<b>Size:</b> 150ul , Concentration: 833 µg/ml by Bradford method using BSA as the standard;	<b>GeneID (NCBI):</b> 968	<b>CloneNo.:</b> 3F10E11
<b>Source:</b> Mouse	<b>UNIPROT ID:</b> P34810	
<b>Isotype:</b> IgG1	<b>Full Name:</b> CD68 molecule	
<b>Immunogen Catalog Number:</b> AG22815	<b>Calculated MW:</b> 37 kDa	

## 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.

## Notable Publications

Author	Pubmed ID	Journal	Application
Saisai Wang	31598397	Am J Cancer Res	IHC
Huachun Cui	33074715	Am J Respir Cell Mol Biol	IF
Xiaoliang Dong	33080187	Biochem Pharmacol	WB

## 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:  
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)  
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## Selected Validation Data