

For Research Use Only

CD68 Monoclonal antibody

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



Basic Information

Catalog Number: 66231-1-Ig	GenBank Accession Number: BC015557	Purification Method: Protein G purification
Size: 833 µg/ml	GeneID (NCBI): 968	CloneNo.: 3F10E11
Source: Mouse	UNIPROT ID: P34810	
Isotype: IgG1	Full Name: CD68 molecule	
Immunogen Catalog Number: AG22815	Calculated MW: 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

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

T: 4006900926

E: Proteintech-CN@ptglab.com

W: ptgcn.com

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Selected Validation Data