

For Research Use Only

CD68-Specific Polyclonal antibody

Catalog Number: 16192-1-AP **3 Publications**



Basic Information

Catalog Number: 16192-1-AP	GenBank Accession Number: NM_001251	Purification Method: Antigen affinity purification
Size: 270 µg/ml	GeneID (NCBI): 968	
Source: Rabbit	UNIPROT ID: P34810	
Isotype: IgG	Full Name: CD68 molecule	
	Calculated MW: 37 kDa	
	Observed MW: 100-110 kDa, 60-70 kDa	

Applications

Tested Applications:
ELISA

Cited Applications:
IF, IHC, WB

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 Arsenaull	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

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

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Selected Validation Data