

Rabbit CD68 Polyclonal Antibody | anti-CD68 antibody

CD68 Polyclonal Antibody

CATALOG #	HOST	APPLICATIONS
AAA281247	Rabbit	ELISA, Immunocytochemistry, Western Blot, Immunofluorescence

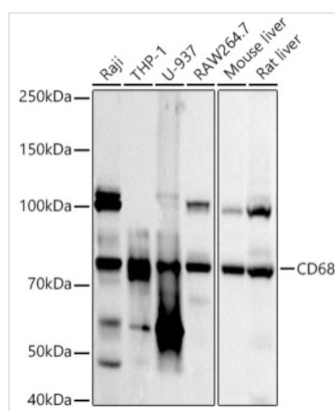
PRODUCT SYNONYMS

CD68; Polyclonal Antibody; CD68 Polyclonal Antibody; GP110; LAMP4; SCARD1; anti-CD68 antibody

PRODUCT SPECIFICATIONS

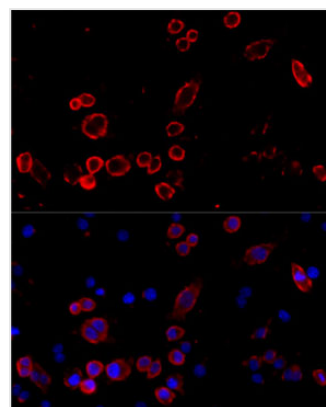
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity Purification
Form/Format	PBS with 0.05% proclin300,50% glycerol,pH7.3.
Applicable Applications for anti-CD68 antibody	ELISA, ICC (Immunocytochemistry), WB (Western Blot), IF (Immunofluorescence)
Immunogen	Recombinant fusion protein containing a sequence corresponding to amino acids 16-200 of human CD68 (NP_001242.2).
Species Reactivity/Cross-Reactivity	Human,Mouse,Rat
Preparation and Storage	Store at -20 degrees C. Avoid freeze / thaw cycles.

IMAGES



WB (Western Blot)

Western blot analysis of extracts of various cell lines, using CD68 antibody (AAA281247) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 90s.



IF (Immunofluorescence)

Immunofluorescence analysis of RAW264.7 cells using CD68 antibody (AAA281247) at dilution of 1:100. Blue: DAPI for nuclear staining.

ADDITIONAL INFORMATION

Related Product Information for anti-CD68 antibody	This gene encodes a 110-kD transmembrane glycoprotein that is highly expressed by human monocytes and tissue macrophages. It is a member of the lysosomal/endosomal-associated membrane glycoprotein (LAMP) family. The protein primarily localizes to lysosomes and endosomes with a smaller fraction circulating to the cell surface. It is a type I integral membrane protein with a heavily glycosylated extracellular domain and binds to tissue- and organ-specific lectins or selectins. The protein is also a member of the scavenger receptor family. Scavenger receptors typically function to clear cellular debris, promote phagocytosis, and mediate the recruitment and activation of macrophages. Alternative splicing results in multiple transcripts encoding different isoforms.
Product Categories/Family for anti-CD68 antibody	Polyclonal Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	91199550
NCBI GeneID	968
NCBI Accession #	NP_001242.2
NCBI GenBank Nucleotide #	NM_001040059.1
UniProt Accession #	P34810 ; Q53HR6 ; Q53XI3 ; Q96BI7 ; B4DVT4
Molecular Weight	Observed MW: 70-80kDa Calculated MW: 37kDa
NCBI Official Full Name	macrosialin isoform B
NCBI Official Synonym Full Names	CD68 molecule
NCBI Official Symbol	CD68
NCBI Official Synonym Symbols	GP110; LAMP4; SCARD1
NCBI Protein Information	macrosialin
UniProt Protein Name	Macrosialin
UniProt Gene Name	CD68

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/cd68-antibody-immunocytochemistry-western-blot-immunofluorescence-elisa/281247>