

Rabbit CD68 Polyclonal Antibody | anti-CD68 antibody

CD68

CATALOG # AAA28140	HOST Rabbit	APPLICATIONS Western Blot, Immunohistochemistry, Immunofluorescence
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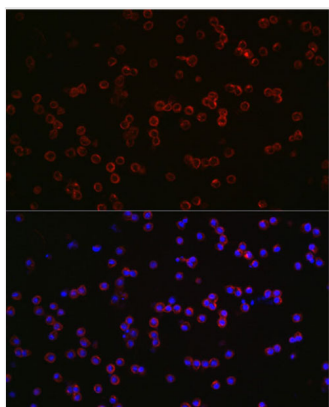
PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

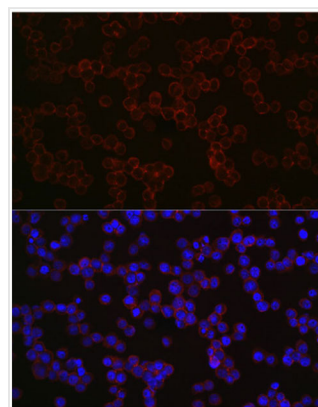
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity purification
Form/Format	PBS with 0.02% sodium azide, 50% glycerol,pH7.3.
Sequence Length	354
Applicable Applications for anti-CD68 antibody	WB (Western Blot), IHC (Immunohistochemistry), IF (Immunofluorescence)
Application Notes	WB: 1:500 - 1:2000 IHC: 1:50 - 1:200 IF: 1:50 - 1:200
Immunogen	Recombinant fusion protein containing a sequence corresponding to amino acids 22-319 of human CD68 (NP_001242.2).
Cross-Reactivity	Human, Mouse, Rat
Preparation and Storage	Store at -20°C . Avoid freeze/thaw cycles.

IMAGES



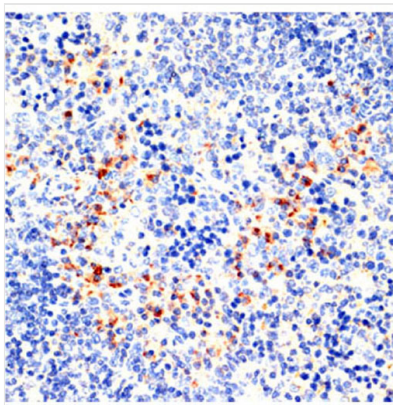
IF (Immunofluorescence)

Immunofluorescence analysis of RAW264.7 cells using CD68 antibody (AAA28140) at dilution of 1:250. Blue: DAPI for nuclear staining.

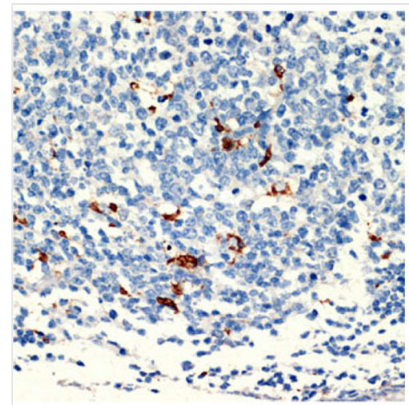


IF (Immunofluorescence)

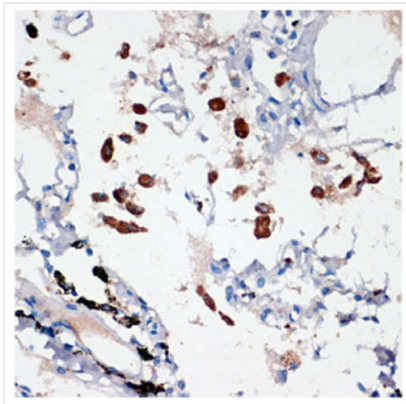
Immunofluorescence analysis of THP-1 cells using CD68 antibody (AAA28140) at dilution of 1:250. Blue: DAPI for nuclear staining.



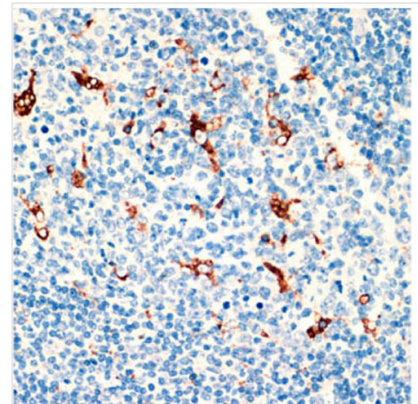
IHC (Immunohistochemistry)
Immunohistochemistry of paraffinembedded mouse spleen using CD68 antibody (AAA28140) at dilution of 1:100 (40x lens).



IHC (Immunohistochemistry)
Immunohistochemistry of paraffinembedded human appendix using CD68 antibody (AAA28140) at dilution of 1:100 (40x lens).



IHC (Immunohistochemistry)
Immunohistochemistry of paraffinembedded human lung using CD68 antibody (AAA28140) at dilution of 1:100 (40x lens).



IHC (Immunohistochemistry)
Immunohistochemistry of paraffinembedded human tonsil using CD68 antibody (AAA28140) at dilution of 1:100 (40x lens).

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

NCBI AND UNIPROT INFORMATION

NCBI GI #	147744552
NCBI GeneID	968
UniProt Accession #	P34810 ; Q53HR6 ; Q53XI3 ; Q96BI7 ; B4DVT4
Molecular Weight	Observed MW: 80-130KDa Calculated MW: 31kDa/34kDa/37kDa
NCBI Official Full Name	Macrosialin
NCBI Official Synonym Full Names	CD68 molecule
NCBI Official Symbol	CD68

NCBI Official Synonym Symbols	GP110; LAMP4; SCARD1
NCBI Protein Information	macrosialin; CD68 antigen; macrophage antigen CD68; scavenger receptor class D, member 1
UniProt Protein Name	Macrosialin
UniProt Gene Name	CD68
UniProt Entry Name	CD68_HUMAN

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-western-blot-immunohistochemistry-immunofluorescence-elisa/28140>