

Rabbit anti-Human CD68 Polyclonal Antibody | anti-CD68 antibody

CD68 Rabbit anti-Human Polyclonal Antibody

CATALOG # AAA163153	HOST Rabbit	REACTIVITY Human	APPLICATIONS Immunohistochemistry
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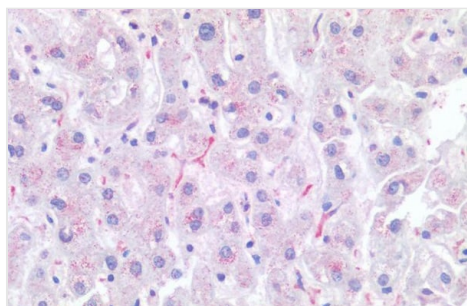
PRODUCT SYNONYMS

CD68; Polyclonal Antibody; CD68 Rabbit anti-Human Polyclonal Antibody; PathPlus CD68 Antibody; CD68 antigen; gp110; SCARD1; CD68 molecule; LAMP4; Macrophage antigen CD68; Macrosialin; anti-CD68 antibody

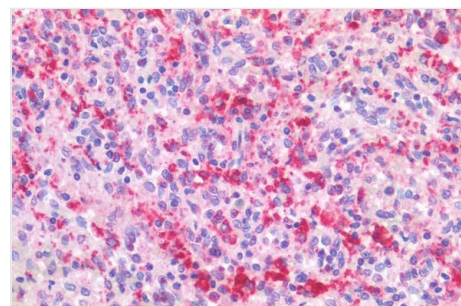
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Purity/Purification	Immunoaffinity purified
Form/Format	PBS, 0.1% Sodium Azide
Concentration	1mg/ml (varies by lot)
Applicable Applications for anti-CD68 antibody	IHC (Immunohistochemistry)
Target	Human CD68
Immunogen	LP-12261, synthetic peptide
Conjugation	Unconjugated
Preparation and Storage	Aliquot and store undiluted at -20 degree C or below for up to 1 year. Can be stored undiluted at 4 degree C for up to 1 month. Avoid freeze-thaw cycles.

IMAGES


IHC (Immunohistochemistry)

CD68 Antibody-Human Liver, Kupffer Cells: Formalin-Fixed, Paraffin-Embedded (FFPE)


IHC (Immunohistochemistry)

CD68 Antibody-Human Spleen: Formalin-Fixed, Paraffin-Embedded (FFPE)

ADDITIONAL INFORMATION

Related Product Information for anti-CD68 antibody	CD68 antibody is an unconjugated rabbit polyclonal antibody to CD68 from human. Validated for IHC. CD68 (macrosialin) is a transmembrane glycoprotein of the LAMP family found in monocytes and macrophages. CD68 functions in antigen processing and in protecting the cell surface from hydrolytic enzymes. In immunohistochemistry, CD68 shows membranous expression in macrophages, monocytes, mast cells, plasmacytoid T cells within reactive lymph nodes, mononuclear phagocytes, and myeloid cells such as granulocytes. As a marker in cancer and disease, CD68 is positive in AML, CML, histiocytic neoplasms, melanomas, and some B-cell small lymphocytic lymphomas. Hairy-cell leukemias can also be weakly positive for CD68.
References	Proc Natl Acad Sci U S A. 1996 Dec 10; 93(25): 14833 -14838, PMID: 8962141; Lab Invest. 2017 Jan;97(1):4-13. doi: 10.1038/labinvest.2016.116. Epub 2016 Nov 21, PMID: 27869795

NCBI AND UNIPROT INFORMATION

NCBI GI #	91199548
NCBI GeneID	968
NCBI Accession #	NP_001242.2
NCBI GenBank Nucleotide #	NM_001251
UniProt Accession #	P34810; Q53HR6; Q53XI3; Q96BI7; B4DVT4
Molecular Weight	34,654 Da
NCBI Official Full Name	macrosialin isoform A
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://www.aaabiotech.com/polyclonal/cd68-antibody-immunohistochemistry-elisa/163153>