

Rabbit CD68 Polyclonal Antibody | anti-CD68 antibody

CD68 antibody - N-terminal region

CATALOG # AAA201150	HOST Rabbit	REACTIVITY Cow, Horse, Human	APPLICATIONS Western Blot
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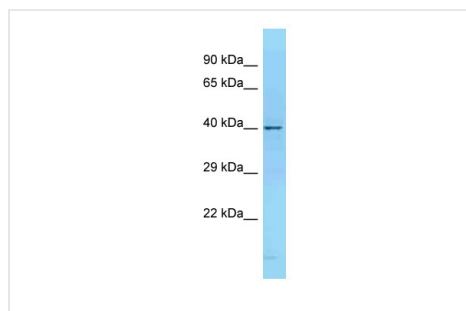
PRODUCT SYNONYMS

CD68; Polyclonal Antibody; CD68 antibody - N-terminal region; anti-CD68 antibody

PRODUCT SPECIFICATIONS

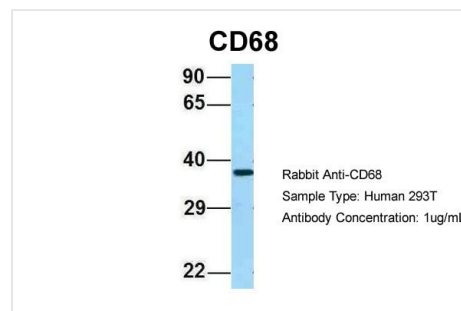
Host	Rabbit
Reactivity	Cow, Horse, Human
Clonality	Polyclonal
Purity/Purification	Affinity Purified
Form/Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% sodium azide
Concentration	0.5 mg/ml (varies by lot)
Sequence	Synthetic peptide with the following region: LL AAQGTGNDGP HKKSATLLPS FTVPTVTES TGTTSRRTTK SHKTTTHR
Sequence Length	354
Applicable Applications for anti-CD68 antibody	WB (Western Blot)
Homology	Predicted: Cow: 93%; Horse: 79%; Human: 100%
Protein Size (# AA)	354 amino acids
Protein Interactions	ADRB2; RALGDS
Blocking Peptide	For anti-CD68 antibody is Catalog #
Preparation and Storage	For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.

IMAGES



WB (Western Blot)

WB Suggested Anti-CD68 Antibody Titration: 1.0 ug/ml Positive Control: NCI-H226 Whole Cell Human NCI-H226



WB (Western Blot)

Host: Rabbit Target Name: CD68 Sample Type: Human 293T Antibody Dilution: 1.0ug/ml Human 293T

ADDITIONAL INFORMATION

Related Product Information for anti-CD68 antibody	This is a rabbit polyclonal antibody against CD68. It was validated on Western Blot Target Description: 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.
Product Categories/Family for anti-CD68 antibody	Polyclonal; Cancer; Lymphocyte Signaling; Membrane Protein; Immunology; Disease Related

NCBI AND UNIPROT INFORMATION

NCBI GI #	91199548
NCBI GeneID	968
NCBI Accession #	NP_001242
NCBI GenBank Nucleotide #	NM_001251
UniProt Accession #	P34810
Molecular Weight	37kDa
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
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-western-blot-elisa/201150>