

Rabbit CD68 Polyclonal Antibody | anti-CD68 antibody

CD68 antibody - middle region

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA201149	Rabbit	Tested Species Reactivity: Human Predicted Species Reactivity: Human, Mouse, Rat, Guinea Pig, Pig	Western Blot

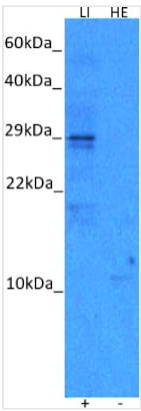
PRODUCT SYNONYMS

CD68; Polyclonal Antibody; CD68 antibody - middle region; anti-CD68 antibody

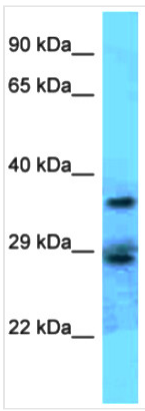
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Tested Species Reactivity: Human Predicted Species Reactivity: Human, Mouse, Rat, Guinea Pig, Pig
Clonality	Polyclonal
Purity/Purification	Affinity Purified
Form/Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Concentration	0.5 mg/ml (varies by lot)
Sequence	Synthetic peptide located within the following region: EA WGISVLNPNK TKVQGSCEGA HPHLLSFPY GHLSFGFMQD LQQKVYYL
Sequence Length	327
Applicable Applications for anti-CD68 antibody	WB (Western Blot)
Homology	Guinea Pig: 79%; Human: 100%; Mouse: 79%; Pig: 93%; Rat: 93%
Protein Size (# AA)	327 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. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.

IMAGES



WB (Western Blot)
Host: RabbitTarget: CD68Positive control (+): Mouse Liver (M-LI)Negative control (-): Mouse Heart (M-HE)Antibody concentration: 1ug/ml



WB (Western Blot)
WB Suggested Anti-CD68 AntibodyTitration: 1.0 ug/mlPositive Control: Jurkat Whole Cell

ADDITIONAL INFORMATION

Related Product Information for anti-CD68 antibody	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; Various

NCBI AND UNIPROT INFORMATION

NCBI GI #	91199550
NCBI GeneID	968
NCBI Accession #	NP_001035148
NCBI GenBank Nucleotide #	NM_001040059
UniProt Accession #	B4DVT4; P34810
Molecular Weight	35kDa
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
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.

