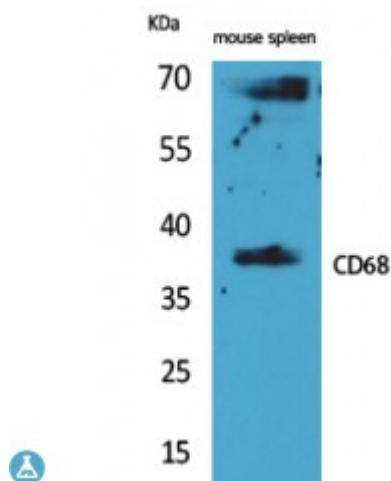


Anti-CD68 antibody



Description	Rabbit polyclonal to CD68.
Model	STJ96575
Host	Rabbit
Reactivity	Human
Applications	ELISA, IHC, WB
Immunogen	Synthesized peptide derived from human CD68.
Immunogen Region	171-220 aa, Internal
Gene ID	968
Gene Symbol	CD68
Dilution range	WB 1:500-1:2000IHC-P 1:100-300ELISA 1:20000
Specificity	CD68 Polyclonal Antibody detects endogenous levels of CD68 protein.
Tissue Specificity	Highly expressed by blood monocytes and tissue macrophages. Also expressed in lymphocytes, fibroblasts and endothelial cells. Expressed in many tumor cell lines which could allow them to attach to selectins on vascular endothelium, facilitating their dissemination to secondary sites.
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Note	For Research Use Only (RUO).
Protein Name	Macrosialin Gp110 CD antigen CD68
Molecular Weight	37 kDa

Clonality	Polyclonal
Conjugation	Unconjugated
Isotype	IgG
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Concentration	1 mg/ml
Storage Instruction	Store at -20°C, and avoid repeat freeze-thaw cycles.
Database Links	HGNC:1693OMIM:153634
Alternative Names	Macrosialin Gp110 CD antigen CD68
Function	Could play a role in phagocytic activities of tissue macrophages, both in intracellular lysosomal metabolism and extracellular cell-cell and cell-pathogen interactions. Binds to tissue- and organ-specific lectins or selectins, allowing homing of macrophage subsets to particular sites. Rapid recirculation of CD68 from endosomes and lysosomes to the plasma membrane may allow macrophages to crawl over selectin-bearing substrates or other cells.
Cellular Localization	Isoform Short: Cell membrane. Single-pass type I membrane protein.. Isoform Long: Endosome membrane. Single-pass type I membrane protein. Lysosome membrane. Single-pass type I membrane protein.
Post-translational Modifications	N- and O-glycosylated.

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