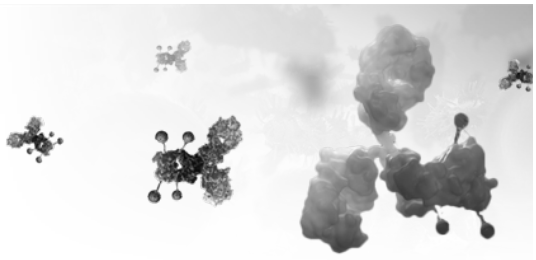

Rabbit Anti-Human CD68 Monoclonal Antibody, clone CQ7147 (CABT-Z209R)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Immunogen	Synthetic peptide corresponding to CD68 residues within aa100-200 of CD68 was used as an immunogen.
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	Human
Clone	CQ7147
Purification	ProA affinity purified IgG.
Conjugate	Unconjugated
Applications	IHC-P Recommended concentration: IHC-P: 1:100-1:200
Molecular Weight	37 kDa
Cellular Localization	Membrane/Cytoplasm
Positive Control	Spleen
Format	Liquid
Concentration	Lot specific
Size	100 µl

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Buffer	PBS 59%, Sodium azide 0.01%, Glycerol 40%, BSA 0.05%.
Preservative	0.01% Sodium azide
Storage	Store at -20 °C. Avoid freeze/thaw cycles.
Ship	Wet ice

BACKGROUND

Introduction	CD68 is a highly glycosylated transmembrane protein which is mainly located in lysosomes. It could play a role in phagocytic activities of tissue macrophages, both in intracellular lysosomal metabolism and extracellular cell-cell and cell-pathogen interactions.CD68 is detected in different types of macrophages of monocyte lineage and also reacts with myeloid precursor cells in the bone marrow. Positivity is seen in Kupffer cells and histiocytes in normal lymphoid tissue, but also mast cells and microglia. In tumor tissues, it is detected in fibrous-histiocytic tumors, some epithelial neoplasms, epithelioid cells of some malignant melanomas.CD68 may be useful for the identification of myelomonocytic and histiocytic tumors.
Keywords	CD68; CD68 molecule; GP110; LAMP4; SCARD1; macrosialin; CD68 antigen; macrophage antigen CD68; scavenger receptor class D, member 1

GENE INFORMATION

Gene Name	CD68
Entrez Gene ID	968
UniProt ID	P34810

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