

CD68
Rabbit Monoclonal Antibody (Mab)
Catalog # APA014**Specification**

CD68 - Product Information

Application	IHC
Primary Accession	P34810
Host	Rabbit
Clonality	Monoclonal
Calculated MW	37408 Da

CD68 - Additional Information

Gene ID	968
Gene Name	CD68
Other Names	
Macrosialin, Gp110, CD68, CD68	

Dilution
IHC~~1:100~500

Storage	Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.
Precautions	CD68 is for research use only and not for use in diagnostic or therapeutic procedures.

CD68 - Protein Information**Name** 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 Location	[Isoform Short]: Cell membrane;
Tissue Location	Single-pass type I membrane protein 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.

CD68 - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

CD68 - Images