

Anti-CD68 Antibody (clone PG-M1)
Mouse Anti Human Monoclonal Antibody
Catalog # ALS17790

Specification

Anti-CD68 Antibody (clone PG-M1) - Product Information

Application	IHC-P
Primary Accession	P34810
Predicted	Human
Host	Mouse
Clonality	Monoclonal
Isotype	IgG3,k
Calculated MW	37408

Anti-CD68 Antibody (clone PG-M1) - Additional Information

Gene ID 968

Alias Symbol CD68

Other Names

CD68, CD68 antigen, gp110, SCARD1, CD68 molecule, LAMP4, Macrophage antigen CD68, Macrosialin

Precautions

Anti-CD68 Antibody (clone PG-M1) is for research use only and not for use in diagnostic or therapeutic procedures.

Anti-CD68 Antibody (clone PG-M1) - 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; Single-pass type I membrane protein

Tissue Location

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.

Anti-CD68 Antibody (clone PG-M1) - 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](#)

Anti-CD68 Antibody (clone PG-M1) - Images