

### 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**

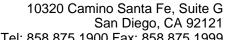
Could play a role in phagocytic activities of tissue macrophages, both in intracellular lysosomal metabolism and extracellular cell-cell and cell-pathogen interactions. Binds to tissue- and organ-specific lectins or selectins, allowing homing of macrophage subsets to particular sites. Rapid recirculation 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.



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# 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
- <u>Immunohistochemistry</u>
- <u>Immunofluorescence</u>
- <u>Immunoprecipitation</u>
- Flow Cytomety
- Cell Culture

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