

Anti-CD68/Sr D1 Rabbit Monoclonal Antibody
Catalog # ABO13431**Specification**

Anti-CD68/Sr D1 Rabbit Monoclonal Antibody - Product Information

Application	WB
Primary Accession	P34810
Host	Rabbit
Isotype	Rabbit IgG
Reactivity	Rat, Human, Mouse
Clonality	Monoclonal
Format	Liquid

Description

Anti-CD68/Sr D1 Rabbit Monoclonal Antibody . Tested in WB application. This antibody reacts with Human, Mouse, Rat.

Anti-CD68/Sr D1 Rabbit Monoclonal Antibody - Additional Information

Gene ID 968

Other Names

Macrosialin, Gp110, CD68, CD68

Calculated MW

37408 MW KDa

Application Details

WB 1:500-1:1000

Subcellular Localization

Isoform Short: Cell membrane; Single-pass type I membrane 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..

Contents

Rabbit IgG in phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol, 0.4-0.5mg/ml BSA.

Immunogen

A synthesized peptide derived from human CD68

Purification

Affinity-chromatography

Storage

Store at -20°C for one year. For short term storage and frequent use, store at 4°C for

up to one month. Avoid repeated
freeze-thaw cycles.

Anti-CD68/Sr D1 Rabbit Monoclonal Antibody - 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

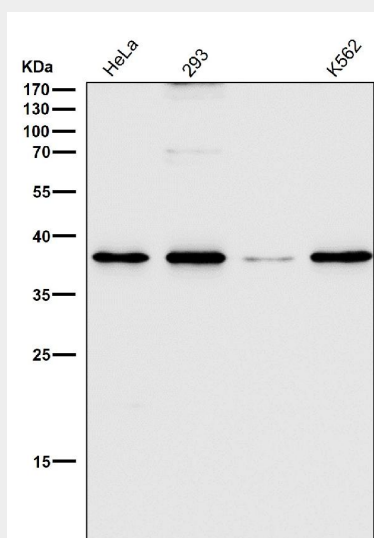
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Anti-CD68/Sr D1 Rabbit Monoclonal Antibody - Protocols

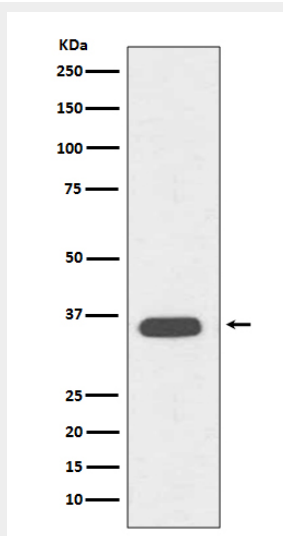
Provided below are standard protocols that you may find useful for product applications.

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

Anti-CD68/Sr D1 Rabbit Monoclonal Antibody - Images



All lanes use the Antibody at 1:2K dilution for 1 hour at room temperature.



Western blot analysis of CD68 expression in Jurkat cell lysate.