CD68 Antibody

Subcategory: Rabbit Polyclonal Antibody, FITC-conjugated Antibody
Cat. No.: 252271
Unit: 0.1 mg

Description:
The CD68 antigen is involved in phagocytic activities of tissue macrophages, both in intracellular lysosomal metabolism and extracellular cell-cell and cell-pathogen interactions. CD68 binds to tissue- and organ-specific lectins and selectins, allowing homing of macrophage subsets to particular sites. Rapid recirculation of CD68 from endosomes and lysosomes to the plasma membrane helps macrophages to move over selectin-bearing substrates and other cells. CD68 is highly expressed by blood monocytes and tissue macrophages as well as many tumor cell lines promoting binding to selectins on vascular endothelium facilitating dissemination to secondary sites.

Isotype: Rabbit Ig
Applications: IF
Species Reactivity: M, R
Format: Each vial contains 0.1 mg IgG in 0.1 ml (1 mg/ml) of PBS pH7.4, 1% BSA with 0.09% sodium azide. Antibody was purified by Protein-G affinity chromatography.
Alternate Names: Macrosialin; Gp110; CD68
Accession No.: P31996

Antigen: KLH-conjugated synthetic peptide encompassing a sequence within the N-term region of mouse CD68.
Application Notes: IF: 1:20-1:100; Ex: 490-495 nm, Em: 520-530 nm

Storage: Store at 4°C. Product is guaranteed 6 months from the date of shipment.

For research use only, not for diagnostic or therapeutic procedures.