10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

Anti-CD68-AcalephFluor555-labled

Catalog # AP100733

Product Information

Application	FC, IF/IC
Primary Accession	P34810
Reactivity	Human
Clonality	Monoclonal
Calculated MW	37408

Additional Information

Gene ID	968
Other Names	Macrosialin; Gp110; CD68
Target/Specificity	Recognizes human CD68
Dilution	FC~~1:10~50 IF/IC~~N/A
Format	Mouse IgG1 kappa. Liquid in PBS, pH 7.3, 0.2% BSA, and 0.02% sodium azide.
Storage	Store at -20 °C.Stable for 12 months from date of receipt

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.

Background

AcalephFluor555-labled mouse monoclonal antibody to CD68

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.