CD68 (DGR34708) Mouse mAb

db23597 **Package : 10μL 20μL 50μL 100μL**

Product Name : CD68 (DGR34708) Mouse mAb
Cat.No.: db23597
Synonyms : GP110; LAMP4; SCARD1
Application : WB, IHC, ICC/IF, FC, IP
Reactivity : Human, Mouse, Rat
Host species : Mouse

Background	This gene encodes a 110-kD transmembrane glycoprotein that is highly expressed by human monocytes and tissue macrophages. It is a member of the lysosomal/endosomal-associated membrane glycoprotein (LAMP) family. The protein primarily localizes to lysosomes and endosomes with a smaller fraction circulating to the cell surface. It is a type I integral membrane protein with a heavily glycosylated extracellular domain and binds to tissue- and organ-specific lectins or selectins. The protein is also a member of the scavenger receptor family. Scavenger receptors typically function to clear cellular debris, promote phagocytosis, and mediate the recruitment and activation of macrophages. Alternative splicing results in multiple transcripts encoding different isoforms. [provided by RefSeq, Jul 2008]
Immunogen	Recombinant protein of human CD68
Gene ID	968
Swiss Prot	P34810
Synonyms	GP110; LAMP4; SCARD1
Reactivity	Human, Mouse, Rat
Application	WB, IHC, ICC/IF, FC, IP
Recommended dilution	WB: 1:1000 IHC: 1:500-1:2000 ICC/IF: 1:50
Calculated MW	37 kDa
Observed MW	100-140 kDa
Host species	Mouse
Clonality	Monoclonal
Clonality No.	DGR34708

Isotype	IgG1
Purity	Affinity Purification
Conjugation	Un-conjugated
Storage Stability	Store at -20°C. Supplied in 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% sodium azide and 0.05% BSA. Stable for 12 months from date of receipt.