

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 dilutionWB: 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.