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Recombinant CD68 Monoclonal Antibody

catalog number: AN301356L

Note: Centrifuge before opening to ensure complete recovery of vial contents.

Description

Reactivity Mouse;Rat

Immunogen Recombinant Mouse CD68 protein

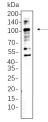
HostRabbitIsotypeIgG,KCloneB1123PurificationProtein A

Buffer PBS, 50% glycerol, 0.05% Proclin 300, 0.05% protein protectant.

Applications Recommended Dilution

WB 1:2000-1:10000

Data



Western Blot with Recombinant CD68 Monoclonal Antibody at dilution of 1:1000 dilution. Lane A: Mouse brain whole cell

lysate.

Observed-MW:100 kDa

Calculated-MW:37 kDa

Preparation & Storage

Storage Store at -20°C Valid for 12 months. Avoid freeze / thaw cycles.

Shipping Ice bag

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.

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