

CD68 monoclonal antibody

Catalog: MB21802

Host: Mouse

Reactivity: Human

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.

Product:

Purified antibody in PBS with 0.05% sodium azide.

Molecular Weight:

37.4kDa

Swiss-Prot:

P34810

Purification&Purity:

The antibody was affinity-purified from mouse ascites by affinity-chromatography using epitope-specific immuno-

gen and the purity is > 95% (by SDS-PAGE).

Applications:

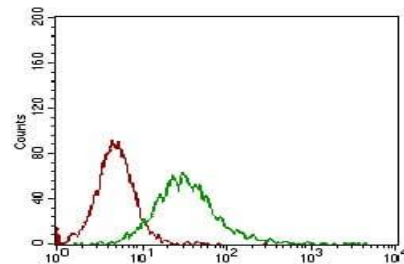
FC:1/200 - 1/400

Storage&Stability:

Store at 4 °C short term. Aliquot and store at -20 °C long term. Avoid freeze-thaw cycles.

Isotype:

Mouse IgG1

DATA:

Flow cytometric analysis of Jurkat cells using CD68 mouse mAb (green) and negative control (red).

Note:

For research use only, not for use in diagnostic procedure.

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