

APC Mouse anti-Human CD163 mAb

Catalog No.: A27960

Basic Information

Observed MW

Calculated MW
125kDa

Category
Primary antibody

Applications
FC

Cross-Reactivity
Human

CloneNo number
AMC10016

Conjugate
APC. Ex:650nm. Em:660nm.

Background

The protein encoded by this gene is a member of the scavenger receptor cysteine-rich (SRCR) superfamily, and is exclusively expressed in monocytes and macrophages. It functions as an acute phase-regulated receptor involved in the clearance and endocytosis of hemoglobin/haptoglobin complexes by macrophages, and may thereby protect tissues from free hemoglobin-mediated oxidative damage. This protein may also function as an innate immune sensor for bacteria and inducer of local inflammation. Alternatively spliced transcript variants encoding different isoforms have been described for this gene.

Recommended Dilutions

FC 5 µl per 10⁶ cells in
100 µl volume

Immunogen Information

Gene ID 9332	Swiss Prot Q86VB7
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Immunogen

Recombinant protein (or fragment). This information is considered to be commercially sensitive.

Synonyms

M130; MM130; SCAR11

Contact

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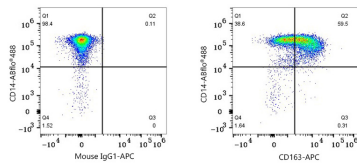
Product Information

Source Mouse	Isotype IgG	Purification Affinity purification
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Storage

Store at 2-8°C. Avoid freeze.
Buffer: PBS with 0.09% Sodium azide, 0.2% BSA, pH7.3.

Validation Data



Flow cytometry: 1×10^6 Human PBMC were surface-stained with ABflo® 488 Rabbit anti-Human/Monkey CD14 mAb (A25071, 5 µl/Test) and APC Mouse IgG1 isotype control (5 µl/Test, left) or APC Mouse anti-Human CD163 mAb (A27960, 5 µl/Test, right). Cells in the monocyte gate were used for analysis.