

CD47 Rabbit mAb

Catalog No.: A24296 **Recombinant**

Basic Information

Observed MW

45-50kDa

Calculated MW

35kDa

Category

Primary antibody

Applications

FC

Cross-Reactivity

Human

CloneNo number

ARC61212

Background

This gene encodes a membrane protein, which is involved in the increase in intracellular calcium concentration that occurs upon cell adhesion to extracellular matrix. The encoded protein is also a receptor for the C-terminal cell binding domain of thrombospondin, and it may play a role in membrane transport and signal transduction. This gene has broad tissue distribution, and is reduced in expression on Rh erythrocytes. Alternatively spliced transcript variants have been found for this gene.

Recommended Dilutions

FC 1:100 - 1:500

Immunogen Information

Gene ID

961

Swiss Prot

Q08722

Immunogen

Recombinant fusion protein containing a sequence corresponding to amino acids 19-139 of human CD47 (NP_001768.1).

Synonyms

IAP; OA3; MER6

Contact

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Product Information

Source

Rabbit

Isotype

IgG

Purification

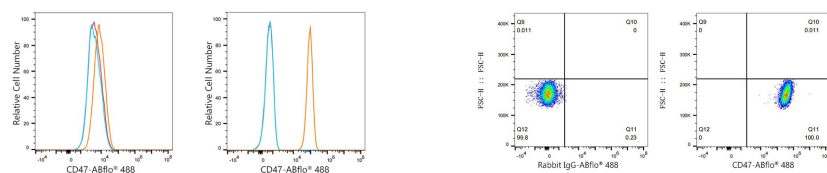
Affinity purification

Storage

Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.05% proclin300,0.05% BSA,50% glycerol,pH7.3.

Validation Data



Flow cytometry: 1×10^6 HepG2 cells (Low Expression, Left) and MOLT-4 cells (Right) were surface-stained with CD47 Rabbit mAb (A24296, $2 \mu\text{g/mL}$, orange line) or ABflo® 488 Rabbit IgG isotype control (A22069, $2 \mu\text{g/mL}$, blue line), followed by Alexa Fluor® 488 conjugated goat anti-rabbit pAb (1:200 dilution) staining. Non-fluorescently stained cells were used as blank control (red line).

Flow cytometry: 1×10^6 MOLT-4 cells were surface-stained with ABflo® 488 Rabbit IgG isotype control (A22069, $2 \mu\text{g/mL}$, left) or CD47 Rabbit mAb (A24296, $2 \mu\text{g/mL}$, right).