

PE Rabbit anti-Mouse CD301 (MGL1/2) mAb

Catalog No.: A25198

Basic Information

Observed MW

Calculated MW

Category

Primary antibody

Applications

FC

Cross-Reactivity

Mouse

CloneNo number

ARC64810-PE

Conjugate

PE. Ex:565nm. Em:574nm.

Background

Predicted to enable carbohydrate binding activity. Acts upstream of or within connective tissue replacement involved in inflammatory response wound healing. Predicted to be located in membrane. Predicted to be integral component of membrane. Predicted to be active in external side of plasma membrane. Is expressed in several structures, including cartilage; dermis; embryo mesenchyme; metencephalon part of 4th ventricle choroid plexus; and spinal cord marginal layer. Orthologous to human CLEC10A (C-type lectin domain containing 10A).

Recommended Dilutions

FC 5 μ l per 10^6 cells in
100 μ l volume

Immunogen Information

Gene ID

17312/216864

Swiss Prot

P49300/Q8JZN1

Immunogen

Recombinant fusion protein containing a sequence corresponding to amino acids 57-304 of mouse CD301a (NP_034926.1).

Synonyms

Mgl; Mgl1; CD301a; M-ASGP-BP-1

Contact

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Product Information

Source

Rabbit

Isotype

IgG

Purification

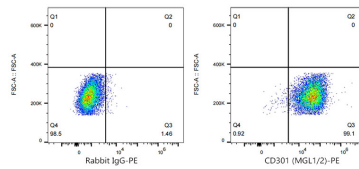
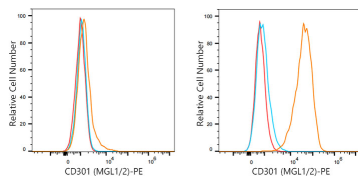
Affinity purification

Storage

Store at 2-8°C. Avoid freeze.

Buffer: PBS with 0.03% proclin300,0.2% BSA,pH7.3.

Validation Data



Flow cytometry: 1×10^6 Neuro-2a cells (negative control, left) and Raw264.7 cells (right) were surface-stained with PE Rabbit anti-Mouse CD301 (MGL1/2) mAb (A25198, 2 $\mu\text{g}/\text{mL}$, orange line) or PE Rabbit IgG isotype control (A24172, 5 $\mu\text{l}/\text{Test}$, blue line), followed by PE conjugated Donkey anti-rabbit pAb staining. Non-fluorescently stained cells were used as blank control (red line).

Flow cytometry: 1×10^6 Raw264.7 cells were surface-stained with PE Rabbit IgG isotype control (A24172, 5 $\mu\text{l}/\text{Test}$, left) or PE Rabbit anti-Mouse CD301 (MGL1/2) mAb (A25198, 2 $\mu\text{g}/\text{mL}$, right).