Leader in Biomolecular Solutions for Life Science

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ABflo® 488 Rabbit anti-Mouse CD301 (MGL1/2) mAb

Catalog No.: A25068

Basic Information

Observed MW

Calculated MW
34kDa/38kDa

Category
Primary antibody

Applications
FC

Cross-Reactivity
Mouse

CloneNo number
ARC64810

Conjugate
ABflo® 488. Ex:491nm. Em:516nm.

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 µl per 10^6 cells in 100 µl volume

Immunogen Information

Gene ID
17312/216864

Swiss Prot
P49300/Q8JZN1

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

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

Contact

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Product Information

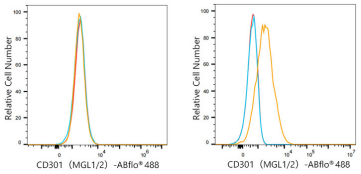
Source
Rabbit

Isotype
IgG

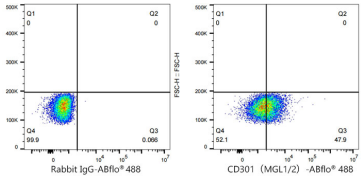
Purification
Affinity purification

Storage
Store at 2-8℃. Avoid freeze.
Buffer: PBS containing 0.2% BSA, preserved with proclin300 or sodium azide (as specified on the Certificate of Analysis), pH 7.3.

Validation Data



Flow cytometry: 1X10^6 Neuro-2a cells (negative control,left) and Raw264.7 cells (right) were surface-stained with ABflo® 488 Rabbit anti-Mouse CD301 (MGL1/2) mAb (A25068,5 µl/Test,orange line) or ABflo® 488 Rabbit IgG isotype control (A22069,5 µl/Test,blue line). Non-fluorescently stained cells were used as blank control (red line).



Flow cytometry: 1X10^6 Raw264.7 cells were surface-stained with ABflo® 488 Rabbit IgG isotype control (A22069,5 µl/Test,left) or ABflo® 488 Rabbit anti-Mouse CD301 (MGL1/2) mAb (A25068,5 µl/Test,right).