

ABflo® 488 Rabbit anti-Human CD369/Dectin-1 mAb

Catalog No.: A24271

Basic Information

Observed MW

Calculated MW

5kDa/8kDa/13-27kDa

Category

SMab Recombinant Monoclonal Antibody

Applications

FC

Cross-Reactivity

Human

CloneNo number

ARC61646-ABflo488

Conjugate

ABflo® 488. Ex:491nm. Em:516nm.

Background

This gene encodes a member of the C-type lectin/C-type lectin-like domain (CTL/CTLD) superfamily. The encoded glycoprotein is a small type II membrane receptor with an extracellular C-type lectin-like domain fold and a cytoplasmic domain with an immunoreceptor tyrosine-based activation motif. It functions as a pattern-recognition receptor that recognizes a variety of beta-1,3-linked and beta-1,6-linked glucans from fungi and plants, and in this way plays a role in innate immune response. Alternate transcriptional splice variants, encoding different isoforms, have been characterized. This gene is closely linked to other CTL/CTLD superfamily members on chromosome 12p13 in the natural killer gene complex region.

Recommended Dilutions

FC

5 μl per 10^6 cells in 100 μl volume

Immunogen Information

Gene ID 64581

Swiss Prot Q9BXN2

Immunogen

Recombinant fusion protein containing a sequence corresponding to amino acids 66-247 of human CD369/Dectin-1 (NP_922938.1).

Synonyms

CLEC7A; BGR; CANDF4; CD369; CLECSF12; DECTIN1; SCARE2; C-type lectin domain containing 7A

Contact

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Product Information

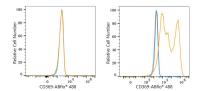
Source Rabbit **Isotype** IgG **Purification**Affinity purification

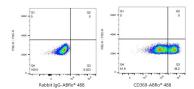
Storage

Store at 2-8°C. Avoid freeze.

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

Validation Data





Flow cytometry: 1X10^6 293F cells (negative control,left) and 293F (Transfection,right) cells were surface-stained with ABflo® 488 Rabbit anti-Human CD369/Dectin-1 mAb(A24271,5 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 293F(Transfection) cells were surfacestained with ABflo® 488 Rabbit IgG isotype control (A22069,5 µl/Test,left) or ABflo® 488 Rabbit anti-Human CD369/Dectin-1 mAb(A24271,5 µl/Test,right).