

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

Catalog No.: A24271

## Basic Information

### Observed MW

### Calculated MW

5kDa/8kDa/13-27kDa

### Category

Primary antibody

### Applications

FC

### Cross-Reactivity

Human

### CloneNo number

ARC61646-ABflo488

### Conjugate

ABflo® 488. Ex:491nm. Em:516nm.

## Recommended Dilutions

FC 5 µl per 10<sup>6</sup> cells in  
100 µl volume

## 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.

## 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

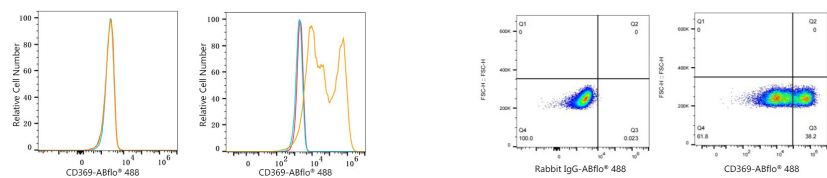
Affinity purification

### Storage

Store at 2-8°C. Avoid freeze.

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

## Validation Data



Flow cytometry: 1X10<sup>6</sup> 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<sup>6</sup> 293F (Transfection) cells were surface-stained 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).