

ABflo® 488 Rabbit anti-Human CD303/BDCA-2 mAb

Catalog NO.: A24311

Basic Information

Observed MW

Refer to figures

Calculated MW

21kDa/25kDa

Category

Monoclonal Antibodies

Applications

FC

Cross-Reactivity

Human

Conjugation

ABflo® 488. Ex:491nm. Em:516nm.

Clone number

ARC61690

Background

This gene encodes a member of the C-type lectin/C-type lectin-like domain (CTL/CTLD) superfamily. Members of this family share a common protein fold and have diverse functions, such as cell adhesion, cell-cell signalling, glycoprotein turnover, and roles in inflammation and immune response. The encoded type 2 transmembrane protein may play a role in dendritic cell function. Two transcript variants encoding distinct isoforms have been identified for this gene.

Recommended Dilutions

FC 5 µl per 10⁶ cells in 100 µl volume

Immunogen Information

Gene ID

170482

Swiss Prot

Q8WTT0

Immunogen

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

Synonyms

CLEC4C; BDCA2; CD303; CLECSF11; CLECSF7; DLEC; HECL; PRO34150; C-type lectin domain family 4 member C

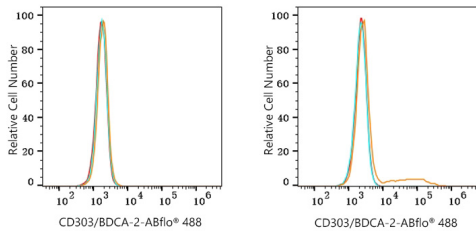
Contact

Product Information

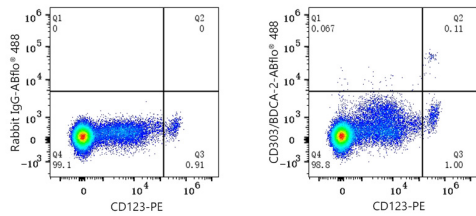
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Source	Isotype	Purification
Rabbit	IgG	Affinity purification
Storage		
Store at 2-8°C. Avoid freeze.		
Buffer: PBS containing 0.2% BSA, preserved with proclin300 or sodium azide (as specified on the Certificate of Analysis), pH 7.3.		

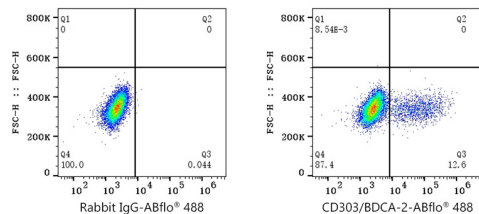
Validation Data



Flow cytometry: 1X10⁶ 293F cells (negative control,left) and 293F (Transfection,right) cells were surface-stained with ABflo® 488 Rabbit anti-Human CD303/BDCA-2 mAb (A24311,5 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:1X10⁶ Human PBMC were surface-stained with ABflo® 488 Rabbit anti-Human CD303/BDCA-2 mAb (A24311,5 µl/Test,right) and ABflo® 488 Rabbit IgG isotype control (A22069,5 µl/Test,left) or PE anti-Human CD123 mAb (5 µl/Test,right). Cells in the lymphocytes and monocytes gate were used for analysis.



Flow cytometry: 1X10⁶ 293F (Transfection) cells were surface-stained with ABflo® 488 Rabbit IgG isotype control (A22069,5 µl/Test,left) or ABflo® 488 Rabbit anti-Human CD303/BDCA-2 mAb (A24311,5 µl/Test,right).