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ABflo® 488 Rabbit anti-Human CD24 mAb

Catalog No.: A25380

Basic Information

Observed MW

Refer to figures

Calculated MW

8kDa; 13kDa

Category

Primary antibody

Applications

IF/ICC,FC

Cross-Reactivity

Human

CloneNo number

ARC66763

Conjugate

ABflo® 488. Ex:491nm. Em:516nm.

Background

This gene encodes a sialoglycoprotein that is expressed on mature granulocytes and B cells and modulates growth and differentiation signals to these cells. The precursor protein is cleaved to a short 32 amino acid mature peptide which is anchored via a glycosyl phosphatidylinositol (GPI) link to the cell surface. This gene was missing from previous genome assemblies, but is properly located on chromosome 6. Non-transcribed pseudogenes have been designated on chromosomes 1, 15, 20, and Y. Alternative splicing results in multiple transcript variants.

Recommended Dilutions

IF/ICC 1:50 - 1:200

FC 5 μl per 10^6 cells in 100 μl volume

Immunogen Information

Gene ID Swiss Prot100133941
P25063

Immunogen

Synthetic peptide. This information is considered to be commercially sensitive.

Synonyms

CD24A; CD24

Contact

| a | 400-999-6126 |
|----------|---------------------------|
| × | cn.market@abclonal.com.cn |
| | www.abclonal.com.cn |

Product Information

| Source | Isotype | Purification |
|--------|---------|-----------------------|
| Rabbit | IgG | Affinity purification |

Storage

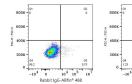
Store at 2-8°C. Avoid freeze.

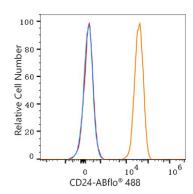
Buffer: PBS containing 0.2% BSA, preserved with proclin300 or sodium azide (as specified on the Certificate of Analysis), pH 7.3.

Validation Data

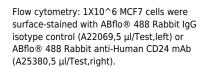




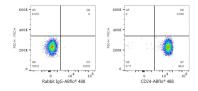


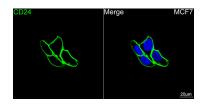


Flow cytometry: 1X10^6 293F cells (Low Expression,left) and MCF7 cells (right) were surface-stained with ABflo® 488 Rabbit anti-Human CD24 mAb (A25380,5 μ I/Test,orange line) or ABflo® 488 Rabbit IgG isotype control (A22069,5 μ I/Test,blue line). Non-fluorescently stained cells were used as blank control (red line).



Flow cytometry: 1X10^6 Human peripheral blood granulocytes were surface-stained with ABflo® 488 Rabbit anti-Human CD24 mAb (A25380,5 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 Human peripheral blood granulocytes were surface-stained with ABflo® 488 Rabbit IgG isotype control (A22069,5 µl/Test,left) or ABflo® 488 Rabbit anti-Human CD24 mAb (A25380,5 µl/Test,right).

Confocal imaging of MCF7 cells using ABflo® 488 Rabbit anti-Human CD24 mAb (A25380, dilution 1:100). DAPI was used for nuclear staining (Blue). Objective: 100x.