

ABflo® 647 Rabbit anti-Human CD24 mAb

Catalog No.: A25381

Basic Information

Observed MW

Refer to figures

Calculated MW

8kDa; 13kDa

Category

Primary antibody

Applications

FC

Cross-Reactivity

Human

CloneNo number

ARC66763-ABflo647

Conjugate

ABflo® 647. Ex:648nm. Em:664nm.

Recommended Dilutions

FC 5 µl per 10⁶ cells in
100 µl volume

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.

Immunogen Information

Gene ID

100133941

Swiss Prot

P25063

Immunogen

A synthetic peptide corresponding to a sequence within amino acids 1-80 of human CD24 (NP_037362.1).

Synonyms

CD24A; CD24

Contact

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Product Information

Source

Rabbit

Isotype

IgG

Purification

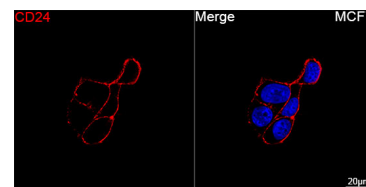
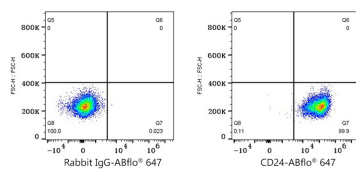
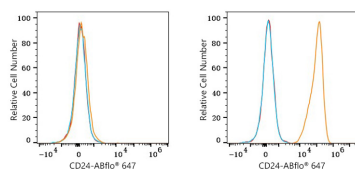
Affinity purification

Storage

Store at 2-8°C. Avoid freeze.

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

Validation Data



Flow cytometry: 1×10^6 293F cells (Low Expression, left) and MCF7 cells (right) were surface-stained with ABflo® 647 Rabbit anti-Human CD24 mAb (A25381, 5 µl/Test, orange line) or ABflo® 647 Rabbit IgG isotype control (A22070, 5 µl/Test, blue line). Non-fluorescently stained cells were used as blank control (red line).

Flow cytometry: 1×10^6 MCF7 cells were surface-stained with ABflo® 647 Rabbit IgG isotype control (A22070, 5 µl/Test, left) or ABflo® 647 Rabbit anti-Human CD24 mAb (A25381, 5 µl/Test, right).

Confocal imaging of MCF7 cells using ABflo® 647 Rabbit anti-Human CD24 mAb (A25381, dilution 1:100). DAPI was used for nuclear staining (Blue). Objective: 100x.