

# 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

IF/ICC,FC

### Cross-Reactivity

Human

### CloneNo number

ARC66763-ABflo647

### Conjugate

ABflo® 647. Ex:648nm. Em:664nm.

## Recommended Dilutions

IF/ICC 1:50 - 1:200

FC 5 µl per 10<sup>6</sup> 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

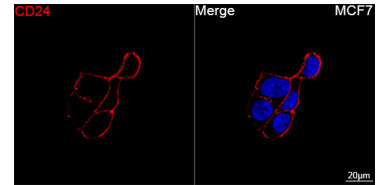
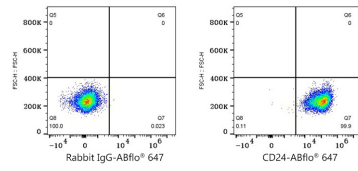
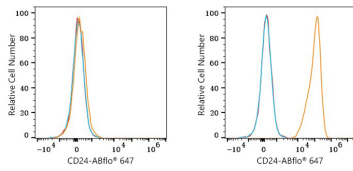
Affinity purification

### Storage

Store at 2-8°C. Avoid freeze.

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

## Validation Data



Flow cytometry:  $1 \times 10^6$  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:  $1 \times 10^6$  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.