

# APC Rabbit anti-Mouse CD24 mAb

Catalog No.: A25890

## Basic Information

### Observed MW

40-62kDa

### Calculated MW

8kDa

### Category

Primary antibody

### Applications

FC

### Cross-Reactivity

Mouse

### CloneNo number

ARC66569-APC

### Conjugate

APC. Ex:650nm. Em:660nm.

## Recommended Dilutions

**FC** 5  $\mu$ l per  $10^6$  cells in  
100  $\mu$ l volume

## Background

CD24, also known as heat stable antigen HSA, is a P-selectin ligand involved in adhesion. It is a GPI-anchored glycoprotein expressed on many types of cells, including hematopoietic cells, neural cells, and epithelial cells. CD24 is widely used to delineate stages of lymphocyte development. It also binds to Siglec-10 in humans or Siglec-G in mice. CD24 is frequently used as a marker to identify and isolate cancer stem cells in various cancer types.

## Immunogen Information

### Gene ID

12484

### Swiss Prot

P24807


### Immunogen

Recombinant fusion protein containing a sequence corresponding to amino acids 27-53 of mouse CD24 (NP\_033976.1).

### Synonyms

HSA; Cd24; Ly-52; nectadrin

## Contact

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## Product Information

### Source

Rabbit

### Isotype

IgG

### Purification

Affinity purification

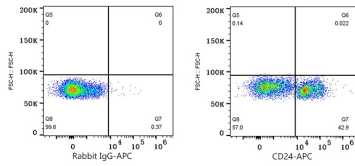
### Storage

Store at 2-8°C. Avoid freeze.

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

## Validation Data

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Flow cytometry: 1X10<sup>6</sup> C57BL/6 mouse splenocytes were surface-stained with APC Rabbit IgG isotype control (A24173, 5 µl/Test, left) or APC Rabbit anti-Mouse CD24 mAb (A25890, 5 µl/Test, right).