

# APC Rabbit anti-Human CD44 mAb

Catalog No.: A24106

## Basic Information

### Observed MW

### Calculated MW

82kDa

### Category

Primary antibody

### Applications

FC

### Cross-Reactivity

Human

### CloneNo number

ARC52412

### Conjugate

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

## Recommended Dilutions

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

## Background

The protein encoded by this gene is a cell-surface glycoprotein involved in cell-cell interactions, cell adhesion and migration. It is a receptor for hyaluronic acid (HA) and can also interact with other ligands, such as osteopontin, collagens, and matrix metalloproteinases (MMPs). This protein participates in a wide variety of cellular functions including lymphocyte activation, recirculation and homing, hematopoiesis, and tumor metastasis. Transcripts for this gene undergo complex alternative splicing that results in many functionally distinct isoforms, however, the full length nature of some of these variants has not been determined. Alternative splicing is the basis for the structural and functional diversity of this protein, and may be related to tumor metastasis.

## Immunogen Information

### Gene ID

960

### Swiss Prot

P16070

### Immunogen

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

### Synonyms

IN; LHR; MC56; MDU2; MDU3; MIC4; Pgp1; CDW44; CSPG8; H-CAM; HCELL; ECM-III; HUTCH-1; HUTCH-I; ECMR-III; Hermes-1

## Contact

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## Product Information

### Source

Rabbit

### Isotype

IgG

### Purification

Affinity purification

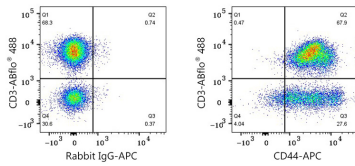
### Storage

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

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Flow cytometry:  $1 \times 10^6$  Human PBMC were surface-stained with ABflo® 488 Rabbit anti-Human/Monkey CD3 mAb (A26283, 5  $\mu$ l/Test) and APC Rabbit IgG isotype control (A24173, 5  $\mu$ l/Test, left) or APC Rabbit anti-Human CD44 mAb (A24106, 5  $\mu$ l/Test, right). Cells in the lymphocyte gate were used for analysis.