

# ABflo® 488 Rabbit anti-Mouse CD66a/CEACAM1a mAb

Catalog No.: A25476

## Basic Information

### Observed MW

### Calculated MW

57kDa/50kDa/37kDa/30kDa

### Category

Primary antibody

### Applications

FC

### Cross-Reactivity

Mouse

### CloneNo number

ARC65927

### Conjugate

ABflo® 488. Ex:491nm. Em:516nm.

## Recommended Dilutions

FC 5 µl per 10<sup>6</sup> cells in  
100 µl volume

## Background

Enables several functions, including signaling receptor binding activity; virion binding activity; and virus receptor activity. Involved in several processes, including common myeloid progenitor cell proliferation; granulocyte colony-stimulating factor signaling pathway; and negative regulation of macromolecule metabolic process. Acts upstream of or within several processes, including modulation by host of viral process; regulation of T cell activation; and regulation of intracellular signal transduction. Located in cell projection membrane; external side of plasma membrane; and extracellular space. Is expressed in several structures, including alimentary system; central nervous system; extraembryonic component; genitourinary system; and skeleton. Orthologous to several human genes including CEACAM1 (CEA cell adhesion molecule 1).

## Immunogen Information

### Gene ID

26365

### Swiss Prot

P31809

### Immunogen

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

### Synonyms

Bgp; Cc1; Hv2; Bgp1; Cea1; Cea7; Hv-2; MHVR; bb-1; C-CAM; CD66a; Cea-1; Cea-7; MHVR1; Mhv-1; mCEA1; mmCGM1; mmCGM2; mmCGM1a

## Contact

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## Product Information

### Source

Rabbit

### Isotype

IgG

### Purification

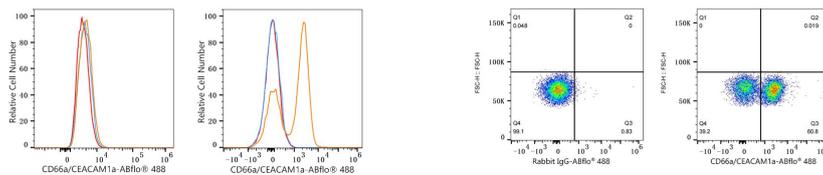
Affinity purification

### 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



Flow cytometry:  $1 \times 10^6$  3T3-L1 cells (Low Expression, left) and C57BL/6 mouse Splenocytes (right) were surface-stained with ABflo® 488 Rabbit anti-Mouse CD66a/CEACAM1a mAb (A25476,5  $\mu$ l/Test, orange line) or ABflo® 488 Rabbit IgG isotype control (A22069,5  $\mu$ l/Test, blue line). Non-fluorescently stained cells were used as blank control (red line).

Flow cytometry:  $1 \times 10^6$  C57BL/6 mouse Splenocytes were surface-stained with ABflo® 488 Rabbit IgG isotype control (A22069,5  $\mu$ l/Test, left) or ABflo® 488 Rabbit anti-Mouse CD66a/CEACAM1a mAb (A25476,5  $\mu$ l/Test, right).