

# ABflo® 488 Rabbit anti-Human CEACAM6 mAb

Catalog No.: A22187

## Basic Information

### Observed MW

### Calculated MW

37kDa

### Category

Primary antibody

### Applications

FC

### Cross-Reactivity

Human

### CloneNo number

ARC54333-ABf488

### Conjugate

ABflo® 488. Ex:491nm. Em:516nm.

## Recommended Dilutions

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

## Background

This gene encodes a protein that belongs to the carcinoembryonic antigen (CEA) family whose members are glycosyl phosphatidyl inositol (GPI) anchored cell surface glycoproteins. Members of this family play a role in cell adhesion and are widely used as tumor markers in serum immunoassay determinations of carcinoma. This gene affects the sensitivity of tumor cells to adenovirus infection. The protein encoded by this gene acts as a receptor for adherent-invasive E. coli adhesion to the surface of ileal epithelial cells in patients with Crohn's disease. This gene is clustered with genes and pseudogenes of the cell adhesion molecules subgroup of the CEA family on chromosome 19.

## Immunogen Information

### Gene ID

4680

### Swiss Prot

P40199

### Immunogen

Recombinant fusion protein containing a sequence corresponding to amino acids 35-320 of human CEACAM6 (NP\_002474.4).

### Synonyms

NCA; CEAL; CD66c

## Contact

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## Product Information

### Source

Rabbit

### Isotype

IgG

### Purification

Affinity purification

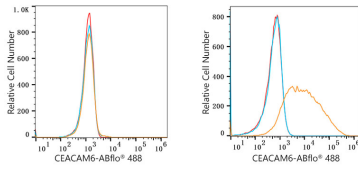
### Storage

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:  $1 \times 10^6$  LNCaP cells (negative control, left) and BxPC-3 cells (right) were surface-stained with ABflo® 488 Rabbit anti-Human CEACAM6 mAb (A22187, 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).