

For Research Use Only

# FcZero-rAb™ APC Anti-Human CEACAM3/6 (CD66c/d) Rabbit Recombinant Antibody

Catalog Number: APC-FcA98169



## Basic Information

**Catalog Number:**

APC-FcA98169

**Size:**

100 tests, 5 µl/test

**Source:**

Rabbit

**Isotype:**

IgG

**Immunogen Catalog Number:**

EG0144

**GenBank Accession Number:**

BC106728

**GeneID (NCBI):**

1084

**UNIPROT ID:**

P40198

**Full Name:**

carcinoembryonic antigen-related cell adhesion molecule 3

**Calculated MW:**

252 aa, 27 kDa

**Purification Method:**

Protein A purification

**CloneNo.:**

241254D1

**Recommended Dilutions:**

FC: 5 µl per 10<sup>6</sup> cells in a 100 µl suspension

**Excitation/Emission maximum wavelengths:**

650 nm / 660 nm

## Applications

**Tested Applications:**

FC

**Species Specificity:**

human

**Positive Controls:**

FC : human peripheral blood leukocytes,

## Background Information

Carcinoembryonic antigen-related cell adhesion molecules (CEACAMs) belong to the immunoglobulin superfamily of cell adhesion molecules. CEACAMs play major roles in cell-cell and cell-ECM adhesion and have been implicated in controlling cell proliferation, angiogenesis, and tissue remodeling (PMID: 23021083). CEACAM3, also named as CD66d and CGM1, is exclusively expressed on granulocytes and acts as the major granulocyte receptor mediating recognition and efficient opsonin-independent phagocytosis of CEACAM-binding microorganisms (PMID: 18606569). CEACAM6, also known as CD66c, is normally expressed on the surface of myeloid and epithelial surfaces and upregulated preferentially at the apical/luminal membranes of many tumors (PMID: 27595061; 35082925). This antibody is raised against 35-155 aa of human CEACAM3/CD66d and can cross-react with CEACAM6/CD66c.

## Storage

**Storage:**

Store at 2-8°C. Avoid exposure to light. Stable for one year after shipment.

**Storage Buffer:**

PBS with 0.09% sodium azide and 0.5% BSA, pH7.3

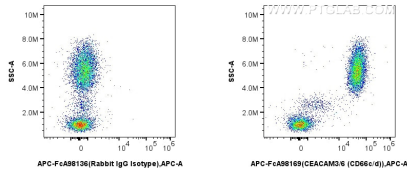
For technical support and original validation data for this product please contact:

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## Selected Validation Data



1x10<sup>6</sup> human peripheral blood leukocytes were surface stained with 5 ul APC Anti-Human CEACAM3/6 (CD66c/d) Rabbit RecAb (APC-FcA98169, Clone: 241254D1) or APC Rabbit IgG Isotype Control RecAb (APC-FcA98136, Clone: 240953C9). Cells were not fixed.