

ABflo® 594 Rabbit anti-Human CD66e/CEACAM5 mAb

Catalog No.: A24586

Basic Information

Observed MW

Calculated MW

76kDa

Category

Primary antibody

Applications

FC

Cross-Reactivity

Human

CloneNo number

ARC58527

Conjugate

ABflo® 594. Ex:588nm. Em:604nm.

Recommended Dilutions

FC 5 µl per 10⁶ cells in
100 µl volume

Background

This gene encodes a cell surface glycoprotein that represents the founding member of the carcinoembryonic antigen (CEA) family of proteins. The encoded protein is used as a clinical biomarker for gastrointestinal cancers and may promote tumor development through its role as a cell adhesion molecule. Additionally, the encoded protein may regulate differentiation, apoptosis, and cell polarity. This gene is present in a CEA family gene cluster on chromosome 19. Alternative splicing results in multiple transcript variants.

Immunogen Information

Gene ID

1048

Swiss Prot

P06731

Immunogen

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

Synonyms

CEACAM5; CD66e; CEA; carcinoembryonic antigen-related cell adhesion molecule 5

Contact

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Product Information

Source

Rabbit

Isotype

IgG

Purification

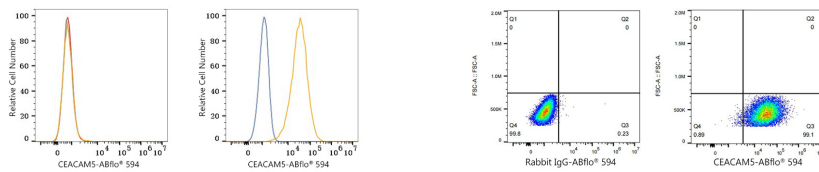
Affinity purification

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: 1×10^6 293T cells (negative control, left) and HT-29 cells (right) were surface-stained with ABflo® 594 Rabbit anti-Human CEACAM5/CD66e mAb (A24586, 5 μ l/Test, orange line) or ABflo® 594 Rabbit IgG isotype control (A23821, 5 μ l/Test, blue line). Non-fluorescently stained cells were used as blank control (red line).

Flow cytometry: 1×10^6 HT-29 cells were surface-stained with ABflo® 594 Rabbit IgG isotype control (A23821, 5 μ l/Test, left) or ABflo® 594 Rabbit anti-Human CEACAM5/CD66e mAb (A24586, 5 μ l/Test, right).