

ABflo® 647 Rabbit anti-Human CD66e/CEACAM5 mAb

Catalog NO.: A23022

Basic Information

Observed MW

Calculated MW

77kDa

Category

Monoclonal Antibodies

Applications

FC

Cross-Reactivity

Human

Conjugation

ABflo® 647. Ex:648nm. Em:664nm.

Clone number

ARC58527

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.

Recommended Dilutions

FC 5 µl per 10⁶ cells in 100 µl volume

Immunogen Information

Gene ID

1048

Swiss Prot

P06731

Immunogen

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

Synonyms

CEA; CD66e

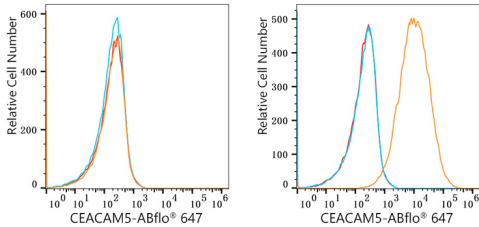
Contact

Product Information

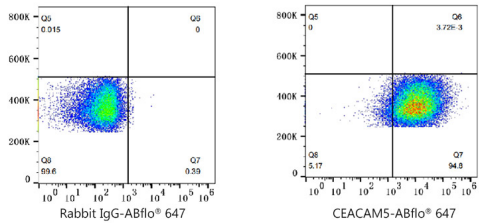
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Source	Isotype	Purification
Rabbit	IgG	Affinity purification
Storage		
Store at 2-8°C. Avoid freeze.		
Buffer: PBS containing 0.2% BSA, preserved with proclin300 or sodium azide (as specified on the Certificate of Analysis), pH 7.3.		

Validation Data



Flow cytometry:1X10^6 293T cells (negative control,Left) and HT-29 cells (Right) were surface-stained with ABflo® 647 Rabbit anti-Human CEACAM5/CD66e mAb(A23022,5 µl/Test,orange line) or ABflo® 647 Rabbit IgG isotype control (A22070,5 µl/Test,blue line). Non-fluorescently stained cells was used as blank control (red line).



Flow cytometry:1X10^6 HT-29 cells were surface-stained with ABflo® 647 Rabbit IgG isotype control (A22070,5 µl/Test,left) or ABflo® 647 Rabbit anti-Human CEACAM5/CD66e mAb(A23022,5 µl/Test,right).

