For Research Use Only

CoraLite® Plus 647 Anti-Human CEACAM6/CD66c Rabbit Recombinant Antibody

Catalog Number:CL647-98329-3

proteintech®
Antibodies | ELISA kits | Proteins
Uni-rAb
www.ptglab.com

Basic Information

Catalog Number:
CL647-98329-3

Concentration:
100tests, 5 ul/test

Source:
Rabbit

Isotype:
IgG

Immunogen Catalog Number:
EG2450

GenBank Accession Number:
BC005008

GeneID (NCBI):
4680

UNIPROT ID:
P40199

Full Name:
carcinoembryonic antigen-related cell adhesion molecule 6 (non-specific cross reacting antigen)

Calculated MW:
37 kDa

Purification Method:
Protein A purification

CloneNo.:
241997G1

Recommended Dilutions:
FC: 5 ul per 10^6 cells in a 100 µl suspension

Excitation/Emission maxima wavelengths:
654 nm / 674 nm

Applications

Tested Applications:
FC

Species Specificity:
human

Positive Controls:

FC : human peripheral blood leukocytes,

Background Information

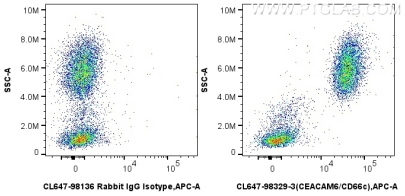
Carcinoembryonic antigen-related cell adhesion molecules (CEACAMs) belong to the immunoglobulin superfamily of cell adhesion molecules. CEACAMs play major roles in cell-cell and cell-ECM adhesion and have been implicated in controlling cell proliferation, angiogenesis, and tissue remodeling (PMID: 23021083). CEACAM6, also known as CD66c, is a glycosylphosphatidylinositol (GPI)-linked cell surface protein that belongs to the CEACAM family of the immunoglobulin superfamily (PMID: 23903773). It 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). CEACAM6 plays an important role in cell adhesion, proliferation, tumorigenesis, metastasis, and immunity (PMID: 31797958).

Storage

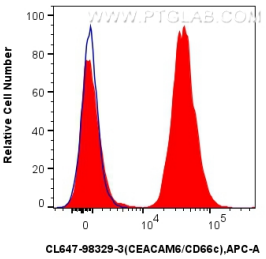
Storage:
Store at 2-8°C. Avoid exposure to light. Stable for one year after shipment.
Storage Buffer:
PBS with 0.09% sodium azide and 0.5% BSA, pH7.3

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Selected Validation Data



1x10^6 human peripheral blood leukocytes were surface stained with 5 ul CoraLite® Plus 647 Anti-Human CEACAM6/CD66c Rabbit RecAb (CL647-98329-3, Clone: 241997G1) or CoraLite® Plus 647 Rabbit IgG Isotype Control RecAb (CL647-98136, Clone: 240953C9). Cells were incubated with FC Receptor Block prior to fixing and staining. Cells were not fixed.



1x10^6 human peripheral blood leukocytes were surface stained with 5 ul CoraLite® Plus 647 Anti-Human CEACAM6/CD66c Rabbit RecAb (CL647-98329-3, Clone: 241997G1) (red) or CoraLite® Plus 647 Rabbit IgG Isotype Control RecAb (CL647-98136, Clone: 240953C9) (blue). Cells were incubated with FC Receptor Block prior to fixing and staining. Cells were not fixed.