

For Research Use Only

CEACAM6 Recombinant antibody

Catalog Number: 83203-5-RR



Basic Information

Catalog Number:

83203-5-RR

Size:

700 µg/ml

Source:

Rabbit

Isotype:

IgG

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

Observed MW:

40-100 kDa

Purification Method:

Protein A purification

CloneNo.:

230475D5

Recommended Dilutions:

WB 1:2000-1:14000

Applications

Tested Applications:

WB, ELISA

Species Specificity:

human

Positive Controls:

WB : A549 cells, HT-29 cells

Background Information

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 -20°C. Stable for one year after shipment.

Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

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

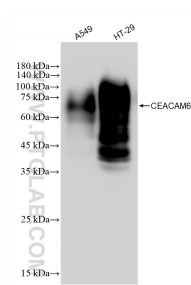
T: 4006900926

E: Proteintech-CN@ptglab.com

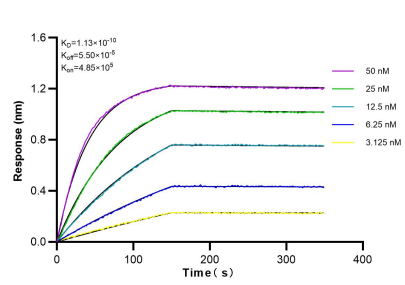
W: ptgcn.com

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Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 83203-5-RR (CEACAM6 antibody) at dilution of 1:7000 incubated at room temperature for 1.5 hours.



Biolayer interferometry (BLI) kinetic assays of 83203-5-RR against Human CEACAM6 were performed. The affinity constant is 0.113 nM.