

For Research Use Only

CEACAM6 Recombinant antibody, PBS Only

Catalog Number: 84982-1-PBS



Basic Information

Catalog Number:

84982-1-PBS

Size:

100ug, Concentration: 1 mg/ml by Nanodrop;

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.:

241997F7

Applications

Tested Applications:

WB, IHC, Indirect ELISA

Species Specificity:

human

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 -80°C.

Storage Buffer:

PBS Only

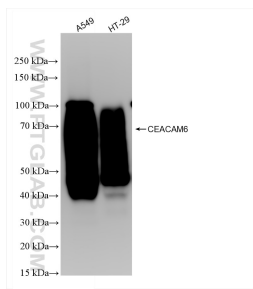
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

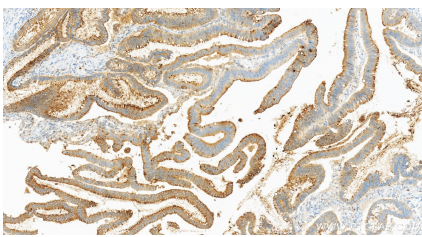
E: proteintech@ptglab.com
W: ptglab.com

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

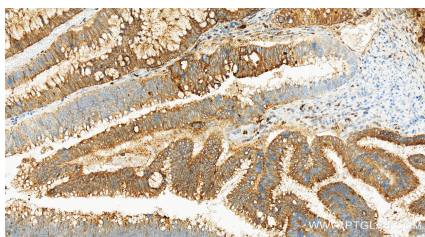
Selected Validation Data



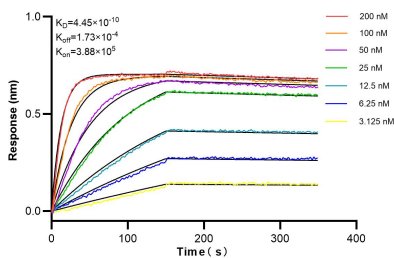
Various lysates were subjected to SDS PAGE followed by western blot with 84982-1-RR (CEACAM6 antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 84982-1-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded human colon cancer tissue slide using 84982-1-RR (CEACAM6 antibody) at dilution of 1:2000 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 84982-1-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded human colon cancer tissue slide using 84982-1-RR (CEACAM6 antibody) at dilution of 1:2000 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 84982-1-PBS in a different storage buffer formulation.



Biolayer interferometry (BLI) kinetic assays of 84982-1-RR against Human CEACAM6 were performed. The affinity constant is 0.445 nM.