

For Research Use Only

CEACAM6 Recombinant antibody, PBS Only

Catalog Number: 84982-1-PBS



Basic Information

Catalog Number: 84982-1-PBS	GenBank Accession Number: BC005008	Purification Method: Protein A purification
Size: 1 mg/ml	GeneID (NCBI): 4680	CloneNo.: 241997F7
Source: Rabbit	UNIPROT ID: P40199	
Isotype: IgG	Full Name: carcinoembryonic antigen-related cell adhesion molecule 6 (non-specific cross reacting antigen)	
	Calculated MW: 37 kDa	
	Observed MW: 40-100 kDa	

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.
The product is shipped with ice packs. Upon receipt, store it immediately at -80°C

Storage Buffer:
PBS Only

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

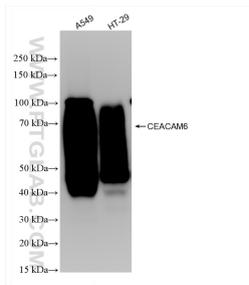
T: 4006900926

E: Proteintech-CN@ptglab.com

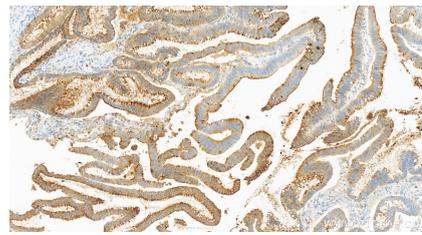
W: ptgcn.com

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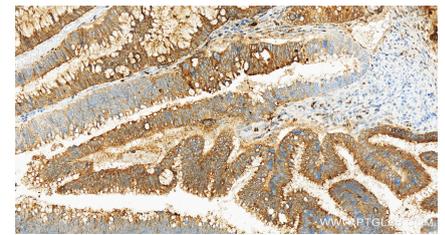
Selected Validation Data



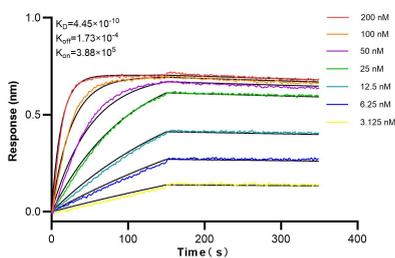
Various lysates were subjected to SDS PAGE followed by western blot with 84982-1-RR (CEACAM6 antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 84982-1-PBS in a different storage buffer formulation.



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.