

For Research Use Only

CEACAM1 Recombinant antibody

Catalog Number: 83524-3-RR



Basic Information

Catalog Number: 83524-3-RR	GenBank Accession Number: BC014473	Purification Method: Protein A purification
Size: 1000 µg/ml	GeneID (NCBI): 634	CloneNo.: 240497B4
Source: Rabbit	UNIPROT ID: P13688	Recommended Dilutions: WB 1:2000-1:10000
Isotype: IgG	Full Name: carcinoembryonic antigen-related cell adhesion molecule 1 (biliary glycoprotein)	
	Calculated MW: 526 aa, 58 kDa	
	Observed MW: 135-150 kDa	

Applications

Tested Applications: WB, ELISA	Positive Controls: WB : HepG2 cells, HT-29 cells
Species Specificity: Human	

Background Information

CEACAM1, also known as CD66a or BGP (biliary glycoprotein), is a member of the carcinoembryonic antigen (CEA) family which belongs to the immunoglobulin superfamily of cell adhesion molecules (PMID: 16919437). CEACAMs play major roles in cell-cell and cell-ECM adhesion and have been implicated in the control of cell proliferation, angiogenesis, and tissue remodeling (PMID: 23021083). CEACAM1 is a transmembrane glycoprotein that is expressed on epithelial, endothelial, and immune cells (PMID: 30314283). CEACAM1 has been demonstrated to play a role in morphogenesis, apoptosis, angiogenesis, cell proliferation, cell motility, fibrosis, and immunity (PMID: 31604530).

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:

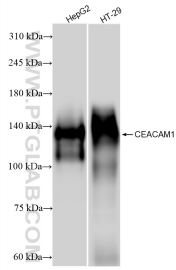
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This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 83524-3-RR (CEACAM1 antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours.