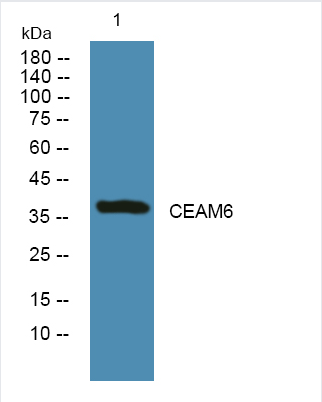
CEAM6 Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	CEAM6, Polyclonal Antibody
Full Product Name	CEAM6 Rabbit Polyclonal Antibody
Product Gene Name	anti-CEAM6 antibody
Product Synonym Gene Name	CEACAM6, NCA
Product Synonym Names	BH6842; Carcinoembryonic antigen-related cell adhesion molecule 6 (Non-specific crossreacting antigen)(Normal cross-reacting antigen)(CD antigen CD66c)
Clonality	Polyclonal
Host	Rabbit
Species Reactivity	Human, Rat, Mouse
Form/Format	Liquid in PBS containing 50% glycerol, and 0.02% sodium azide.
Purity/Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Concentration	1mg/ml (lot specific)
Specificity	CEAM6 Polyclonal Antibody detects endogenous levels of protein.
Preparation and Storage	Store at -20 degree C/1 year
Molecular Weight	37,195 Da
OMIM	M29541 mRNA
3D Structure	ModBase 3D Structure for P40199
Immunogen	Synthesized peptide derived from part region of human protein
Modification	Unmodified/Total
Applications Tested/Suitable for anti-CEAM6 antibody	Western Blot (WB), ELISA (EIA)
Application Notes for anti-CEAM6 antibody	WB: 1:500-2000 ELISA: 1:5000-20000
Related Product Information for anti-CEAM6 antibody	This gene encodes a protein that belongs to the carcinoembryonic antigen (CEA) family whose members are glycosyl phosphatidyl inositol (GPI) anchored cell surface glycoproteins. Members of this family play a role in cell adhesion and are widely used as tumor markers in serum immunoassay determinations of carcinoma. This gene affects the sensitivity of tumor cells to adenovirus infection. The protein encoded by this gene acts as a receptor for adherent-invasive E. coli adhesion to the surface of ileal epithelial cells in patients with Crohn's disease. This gene is clusteredwith genes and pseudogenes of the cell adhesion molecules subgroup of the CEA family on chromosome 19. [provided by RefSeq, Apr 2014]
Other Notes	Small volumes of anti-CEAM6 antibody vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.
Searchable Terms for CEAM6 purchase	MBS9513793 is an antibody targeting CEAM6. Also known as CEAM6 Rabbit Polyclonal Antibody. Reactive in Human, Rat, Mouse. Host: Rabbit.



Western Blot (WB) of anti-CEAM6 antibody
Western blot analysis of lysates from PC12 cells, primary antibody was diluted at 1:1000, 4 degree over night

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for CEAM6. It may not necessarily be applicable to this product.

NCBI GI #	612407822
NCBI GeneID	4680
NCBI Accession #	NP_002474.4
UniProt Primary Accession #	P40199
UniProt Secondary Accession #	Q13774; Q14920; Q53XP7
UniProt Related Accession #	P40199
GenBank Nucleotide #	NM_002483.6
NCBI Official Full Name	carcinoembryonic antigen-related cell adhesion molecule 6 preproprotein
NCBI Official Synonym Full Names	carcinoembryonic antigen related cell adhesion molecule 6
NCBI Official Symbol	CEACAM6
NCBI Official Synonym Symbols	NCA; CEAL; CD66c
UniProt Protein Name	Carcinoembryonic antigen-related cell adhesion molecule 6
UniProt Synonym Protein Names	Non-specific crossreacting antigen; Normal cross-reacting antigen; CD_antigen: CD66c
UniProt Gene Name	CEACAM6
UniProt Synonym Gene Names	NCA
NCBI Protein Information	carcinoembryonic antigen-related cell adhesion molecule 6
NCBI Summary for CEAM6	This gene encodes a protein that belongs to the carcinoembryonic antigen (CEA) family whose members are glycosyl phosphatidyl inositol (GPI) anchored cell surface glycoproteins. Members of this family play a role in cell adhesion and are widely used as tumor markers in serum immunoassay determinations of carcinoma. This gene affects the sensitivity of tumor cells to adenovirus infection. The protein encoded by this gene acts as a receptor for adherent-invasive E. coli adhesion to the surface of ileal epithelial cells in patients with Crohn's disease. This gene is clustered with genes and pseudogenes of the cell adhesion molecules subgroup of the CEA family on chromosome 19. [provided by RefSeq, Apr 2014]

UniProt Comments for CEAM6	CEACAM6: a glycosylphosphatidylinositol(GPI)-linked glycoprotein implicated in a variety of human cancers. Expressed on epithelial cells of various tissues, especially colon, lung, pancreas, trachea, and bone marrow. Participates in innate immune defense, cell proliferation and differentiation. Expressed at high levels in gastrointestinal tract, pancreatic and lung tumors. CEACAM6 promotes tumor angiogenesis in gastric cancer. May enhance invasiveness and metastatic potential in gastric and pancreatic cancer by promoting EMT via PI3K/AKT signaling. Upregulated by the pro-inflammatory cytokine IL-6. Belongs to the immunoglobulin superfamily/CEA family. Protein type: Membrane protein, GPI anchor; Membrane protein, integral Chromosomal Location of Human Ortholog: 19q13.2 Cellular Component: extracellular space; integral to plasma membrane; plasma membrane Molecular Function: protein binding Biological Process: cell-cell signaling; leukocyte migration; positive regulation of cell migration; positive regulation of cell proliferation; signal transduction
Research Articles on CEAM6	**1.** show the upregulation of the tumor-associated antigens CEACAM5/6 by trans-signaling of the pro-inflammatory cytokine IL-6
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