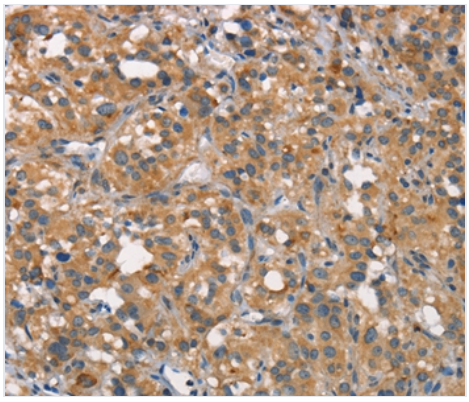
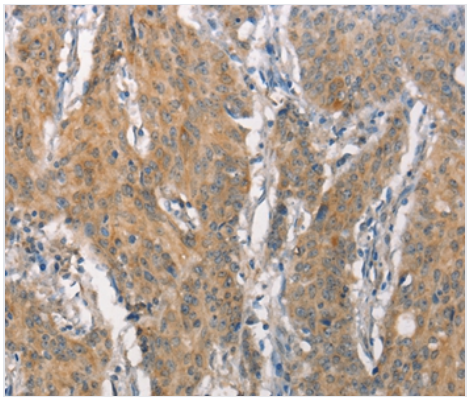
CEACAM6 Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	CEACAM6, Polyclonal Antibody
Full Product Name	CEACAM6 Antibody
Product Gene Name	anti-CEACAM6 antibody
Product Synonym Names	NCA; CEAL; CD66c
Clonality	Polyclonal
Host	Rabbit
Species Reactivity	Human
Form/Format	Rabbit IgG in pH7.3 PBS, 0.05% NaN3, 50% Glycerol.
Purity/Purification	Antigen affinity purification.
Concentration	2.2 mg/ml (lot specific)
Specificity	The antibody detects endogenous levels of total CEACAM6 protein.
Preparation and Storage	Store at -20 degree C
Molecular Weight	37,195 Da
OMIM	163980
3D Structure	ModBase 3D Structure for P40199
Immunogen Type	Peptide
Immunogen Description	Synthetic peptide corresponding to a region derived from internal residues of human carcinoembryonic antigen-related cell adhesion molecule 6 (non-specific cross reacting antigen)
Target Name	CEACAM6
Product Categories/Family for anti-CEACAM6 antibody	Total protein Ab
Applications Tested/Suitable for anti-CEACAM6 antibody	Immunohistochemistry (IHC)
Application Notes for anti-CEACAM6 antibody	Immunohistochemistry: 1:50-1:200
Related Product Information for anti-CEACAM6 antibody	Carcinoembryonic antigen (CEA; MIM 114890) is one of the most widely used tumor markers in serum immunoassay determinations of carcinoma. An apparent lack of absolute cancer specificity for CEA probably results in part from the presence in normal and neoplastic tissues of antigens that share antigenic determinants with the 180-kD form of CEA (Barnett et al., 1988 [PubMed 3220478]). For background information on the CEA family of genes, see CEACAM1 (MIM 109770).
Other Notes	Small volumes of anti-CEACAM6 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 CEACAM6 purchase	MBS9406388 is an antibody targeting CEACAM6. Also known as CEACAM6 Antibody. Reactive in Human. Host: Rabbit.



Immunohistochemistry (IHC) of anti-CEACAM6 antibody
Immunohistochemical analysis of paraffin-embedded Human thyroid cancer tissue using at dilution 1/50.



Immunohistochemistry (IHC) of anti-CEACAM6 antibody
Immunohistochemical analysis of paraffin-embedded Human gastric cancer tissue using at dilution 1/50.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for CEACAM6. 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 (non-specific cross reacting antigen)
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
Protein Family	Carcinoembryonic antigen-related cell adhesion molecule
UniProt Gene Name	CEACAM6
UniProt Synonym Gene Names	NCA
UniProt Entry Name	CEAM6_HUMAN
NCBI Protein Information	carcinoembryonic antigen-related cell adhesion molecule 6
NCBI Summary for CEACAM6	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 CEACAM6	CEACAM6: 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: integral to plasma membrane; plasma membrane Molecular Function: protein binding Biological Process: cell-cell signaling; signal transduction; blood coagulation; leukocyte migration
Research Articles on CEACAM6	**1.** Results show that pancreatic cancer patients with CEACAM 1, 5 and 6 expression showed a significantly shortened overall survival and elevated serum values are correlated with distant metastasis suggesting a role in epithelial-mesenchymal transition.
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Online datasheet: https://www.mybiosource.com/polyclonal-human-antibody/ceacam6/9406388