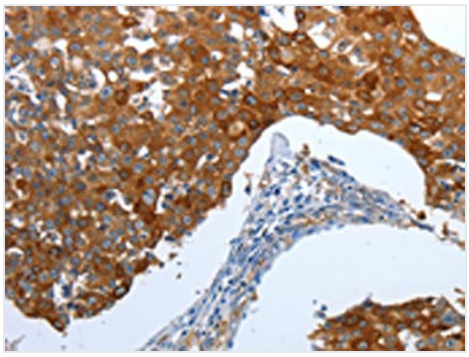
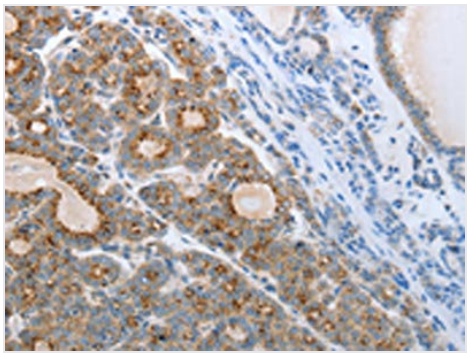
CEACAM5 Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	CEACAM5, Polyclonal Antibody
Full Product Name	CEACAM5 Antibody
Product Gene Name	anti-CEACAM5 antibody
Product Synonym Names	Carcinoembryonic antigen-related cell adhesion molecule 5
Clonality	Polyclonal
Isotype	IgG
Host	Rabbit
Species Reactivity	Human
Form/Format	Liquid; In Phosphate Buffered Saline, pH 7.4, 0.05% NaN3, and 40% Glycerol
Purity/Purification	Antigen Affinity Purification
Preparation and Storage	Upon receipt, store at -20 degree C or -80 degree C. Avoid repeated freeze.
Molecular Weight	76,795 Da
OMIM	114890
3D Structure	ModBase 3D Structure for P06731
Immunogen	Synthetic peptide of human CEACAM5
Immunogen Species	Human
Conjugate	Non-conjugated
Product Categories/Family for anti-CEACAM5 antibody	Tags & Cell Markers
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Applications Tested/Suitable for anti-CEACAM5 antibody	ELISA (EIA), Immunohistochemistry (IHC)
Application Notes for anti-CEACAM5 antibody	ELISA: 1:1000-1:5000 IHC: 1:25-1:100
Related Product Information for anti-CEACAM5 antibody	MBS7126958 is an antibody targeting CEACAM5. Also known as CEACAM5 Antibody. Reactive in Human. Host: Rabbit.
Other Notes	Small volumes of anti-CEACAM5 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.



Immunohistochemistry (IHC)-Paraffin of anti-CEACAM5 antibody
The image on the left is immunohistochemistry of paraffin-embedded Human breast cancer tissue using MBS7126958(CEACAM5 Antibody) at dilution 1/25, on the right is treated with synthetic peptide. (Original magnification: ×200)



Immunohistochemistry (IHC)-Paraffin of anti-CEACAM5 antibody
The image on the left is immunohistochemistry of paraffin-embedded Human thyroid cancer tissue using MBS7126958(CEACAM5 Antibody) at dilution 1/25, on the right is treated with synthetic peptide. (Original magnification: ×200)

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for CEACAM5. It may not necessarily be applicable to this product.

NCBI GI #	317373456
NCBI GeneID	1048
NCBI Accession #	P06731.3
UniProt Primary Accession #	P06731
UniProt Secondary Accession #	H9KVA7
UniProt Related Accession #	P06731
NCBI Official Full Name	Carcinoembryonic antigen-related cell adhesion molecule 5
NCBI Official Synonym Full Names	carcinoembryonic antigen-related cell adhesion molecule 5
NCBI Official Symbol	CEACAM5
NCBI Official Synonym Symbols	CEA; CD66e
UniProt Protein Name	Carcinoembryonic antigen-related cell adhesion molecule 5
UniProt Synonym Protein Names	Carcinoembryonic antigen; CEA; Meconium antigen 100
Protein Family	Carcinoembryonic antigen-related cell adhesion molecule
UniProt Gene Name	CEACAM5
UniProt Synonym Gene Names	CEA; CEA
UniProt Entry Name	CEAM5_HUMAN
NCBI Protein Information	carcinoembryonic antigen-related cell adhesion molecule 5; meconium antigen 100
NCBI Summary for CEACAM5	Members of the CEACAM subfamily, including CEACAM5, belong to the CEA gene family. For general information on the CEA gene family, see CEACAM1 (MIM 109770).[supplied by OMIM, Oct 2009]

UniProt Comments for CEACAM5	CEACAM5: Cell surface glycoprotein that plays a role in cell adhesion and in intracellular signaling. Receptor for E.coli Dr adhesins. Homodimer. Binding of E.coli Dr adhesins leads to dissociation of the homodimer. Found in adenocarcinomas of endodermally derived digestive system epithelium and fetal colon. Belongs to the immunoglobulin superfamily. CEA family. Protein type: Membrane protein, integral; Immunoglobulin superfamily; Membrane protein, GPI anchor Chromosomal Location of Human Ortholog: 19q13.1-q13.2 Cellular Component: basolateral plasma membrane; integral to plasma membrane Molecular Function: identical protein binding; protein homodimerization activity Biological Process: homotypic cell-cell adhesion; negative regulation of apoptosis
Research Articles on CEACAM5	**1.** Results show that scFvs against HER-2/neu and carcinoembryonic antigen (CEA) were isolated.
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