

Rabbit CEACAM5 Polyclonal Antibody | anti-CEACAM5 antibody

CEACAM5 Antibody

CATALOG # AAA40704	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS Western Blot, ELISA
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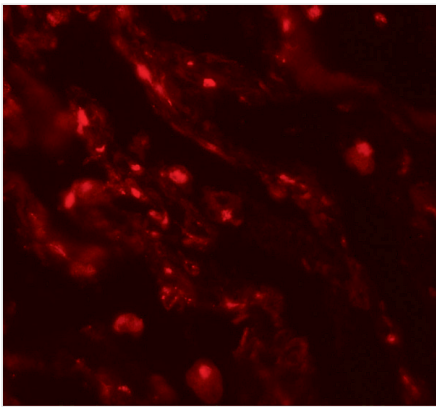
PRODUCT SYNONYMS

CEACAM5; Polyclonal Antibody; CEACAM5 Antibody; CEACAM5 Antibody : CEA; CD66e; CEA; Carcinoembryonic antigen-related cell adhesion molecule 5; Carcinoembryonic antigen; carcinoembryonic antigen-related cell adhesion molecule 5; anti-CEACAM5 antibody

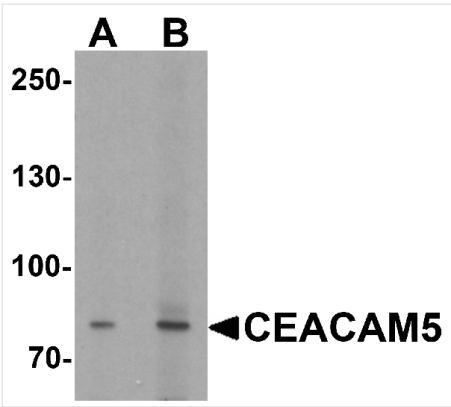
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Specificity	CEACAM5 antibody is human, mouse and rat reactive. CEACAM5 antibody is predicted to not cross-react with other CEACAM protein family members.
Purity/Purification	CEACAM5 Antibody is affinity chromatography purified via peptide column.
Form/Format	Liquid
Concentration	1 mg/mL (varies by lot)
Sequence Length	702
Applicable Applications for anti-CEACAM5 antibody	WB (Western Blot), ELISA
Conjugate	Unconjugated
Immunogen	CEACAM5 antibody was raised against a 15 amino acid peptide near the center of human CEACAM5
Buffer	CEACAM5 Antibody is supplied in PBS containing 0.02% sodium azide.
Preparation and Storage	CEACAM5 antibody can be stored at 4 degree C for three months and -20 degree C, stable for up to one year.

IMAGES



IF (Immunofluorescence)
Immunofluorescence of CEACAM5 in human lung tissue with CEACAM5 antibody at 20 μg/mL.



WB (Western Blot)
Western blot analysis of CEACAM5 in rat lung tissue lysate with CEACAM5 antibody at (A) 1 and (B) 2 μg/mL.

ADDITIONAL INFORMATION

Related Product Information for anti-CEACAM5 antibody	CEACAM5 is a member of the carcinoembryonic antigen (CEA) family, which belongs to the immunoglobulin superfamily (1,2). CEACAM proteins are involved in cell-cell recognition and modulate cellular processes that range from the shaping of tissue architecture and neovascularization to the regulation of insulin homeostasis and T-cell proliferation (2). CEACAM5 has been shown to be overexpressed in a majority of carcinomas and has been suggested to be a intercellular adhesion molecule involved in cancer invasion and metastasis (3).
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NCBI AND UNIPROT INFORMATION

NCBI GI #	98986445
NCBI GeneID	1048
NCBI Accession #	NP_004354
NCBI GenBank Nucleotide #	NM_004363.3
UniProt Accession #	P06731; H9KVA7
Molecular Weight	Predicted: 77 kDa Observed: 80kDa
NCBI Official Full Name	carcinoembryonic antigen-related cell adhesion molecule 5 preproprotein
NCBI Official Synonym Full Names	carcinoembryonic antigen-related cell adhesion molecule 5
NCBI Official Symbol	CEACAM5
NCBI Official Synonym Symbols	CEA; CD66e
NCBI Protein Information	carcinoembryonic antigen-related cell adhesion molecule 5; meconium antigen 100
UniProt Protein Name	Carcinoembryonic antigen-related cell adhesion molecule 5
UniProt Gene Name	CEACAM5
UniProt Synonym Gene Names	CEA; CEA
UniProt Entry Name	CEAM5_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

