

Rabbit anti-Human CEA Polyclonal Antibody | anti-CEACAM5 antibody

CEA Antibody (Center)

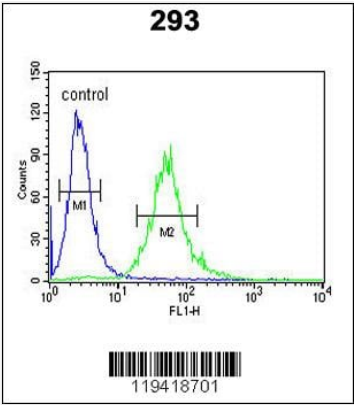
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA288258	Rabbit	Human	Flow Cytometry, Functional Assay, Immunohistochemistry, ELISA, Western Blot

PRODUCT SYNONYMS

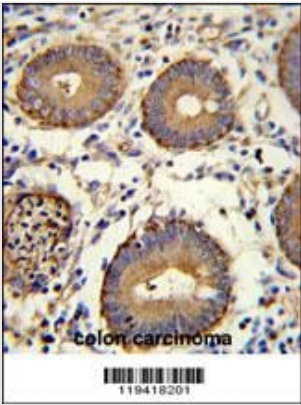
CEA; Polyclonal Antibody; CEA Antibody (Center); Carcinoembryonic antigen-related cell adhesion molecule 5; Carcinoembryonic antigen; Meconium antigen 100; CD66e; CEACAM5; anti-CEACAM5 antibody

PRODUCT SPECIFICATIONS

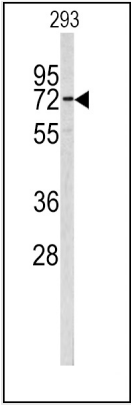
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This CEA antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 400-429 amino acids from the Central region of human CEA.
Purity/Purification	Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS.
Concentration	Vial Concentration: 2 (varies by lot)
Sequence Positions	400-429
Sequence Length	702
Applicable Applications for anti-CEACAM5 antibody	FCM/FACS (Flow Cytometry), IHC (Immunohistochemistry), ELISA, WB (Western Blot)
Antigen Type	Synthetic Peptide
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.



FCM/FACS (Flow Cytometry)
CEA Antibody (Center) flow cytometric analysis of 293 cells (right histogram) compared to a negative control cell (left histogram).FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.



IHC (Immunohiostchemistry)
CEA Antibody (Center) immunohistochemistry analysis in formalin fixed and paraffin embedded human colon carcinoma followed by peroxidase conjugation of the secondary antibody and DAB staining. This data demonstrates the use of the CEA Antibody (Center) for immunohistochemistry. Clinical relevance has not been evaluated.



WB (Western Blot)
Western blot analysis of CEA antibody (Center) in 293 cell line lysates (35ug/lane). CEA (arrow) was detected using the purified Pab.

ADDITIONAL INFORMATION

Related Product Information for anti-CEACAM5 antibody	CEA is a cell surface glycoprotein that plays a role in cell adhesion and in intracellular signaling. It is a receptor for E.coli Dr adhesins.
Product Categories/Family for anti-CEACAM5 antibody	Cancer; Immunology; Neuroscience; Signal transduction
References	Lagoudianakis,E.E., J. Surg. Res. 155 (2), 183-190 (2009) Gambichler,T., Am. J. Clin. Pathol. 131 (6), 782-787 (2009)

NCBI AND UNIPROT INFORMATION

NCBI GI #	98986445
NCBI GeneID	1048
NCBI Accession #	NP_004354.2
NCBI GenBank Nucleotide #	NM_004363.3
UniProt Accession #	P06731; H9KVA7
Molecular Weight	76795

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
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.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/cea-antibody-flow-cytometry-immunohistochemistry-western-blot-elisa/288258>