

Rabbit anti-Human CEACAM6 Polyclonal Antibody | anti-CEACAM6 antibody

Anti-CEACAM6 Antibody, Rabbit Polyclonal

CATALOG # AAA255205	HOST Rabbit	REACTIVITY Human	APPLICATIONS Immunohistochemistry, ELISA
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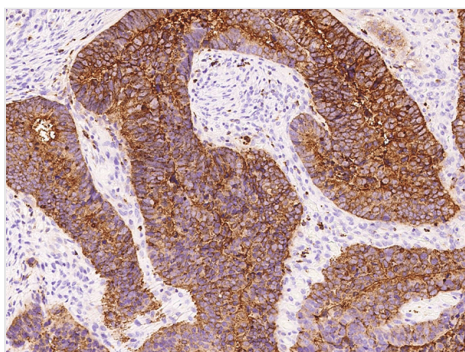
PRODUCT SYNONYMS

CEACAM6; Polyclonal Antibody; Anti-CEACAM6 Antibody; Rabbit Polyclonal; CEACAM6/CD66c Antibody; Rabbit PAb; Antigen Affinity Purified; carcinoembryonic antigen-related cell adhesion molecule 6 (non-specific cross reacting antigen); Anti-CD66c Antibody; Anti-CEA Antibody; Anti-CEAL Antibody; Anti-NCA Antibody; anti-CEACAM6 antibody

PRODUCT SPECIFICATIONS

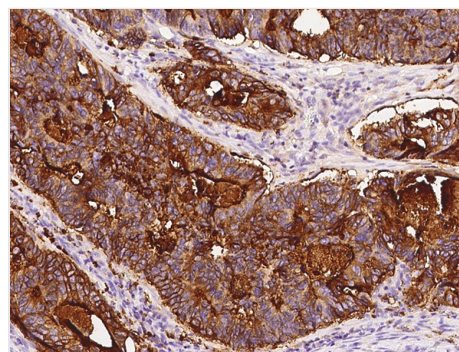
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit IgG
Specificity	Human CEACAM6/CD66c
Purity/Purification	Protein A & Antigen Affinity
Form/Format	Liquid; 0.2um filtered solution in PBS
Applicable Applications for anti-CEACAM6 antibody	IHC (Immunohistochemistry), ELISA
Immunogen	Recombinant Human CEACAM6/CD66c Protein
Conjugation	Unconjugated
Preparation	Produced in rabbits immunized with purified, recombinant Human CEACAM6/CD66c (rh CEACAM6/CD66c). CEACAM6/CD66c specific IgG was purified by Human CEACAM6/CD66c affinity chromatography.
Preparation and Storage	This antibody can be stored at 2-8 degree C for one month without detectable loss of activity. Antibody products are stable for twelve months from date of receipt when stored at -20 degree C to -80 degree C. Preservative-Free. Avoid repeated freeze-thaw cycles.

IMAGES



IHC (Immunohistochemistry)

Immunochemical staining of human CEACAM6 in human sigmoid colon carcinoma with rabbit polyclonal antibody at 1:5000 dilution, formalin-fixed paraffin embedded sections.



IHC (Immunohistochemistry)

Immunochemical staining of human CEACAM6 in human colon carcinoma with rabbit polyclonal antibody at 1:5000 dilution, formalin-fixed paraffin embedded sections.

ADDITIONAL INFORMATION

Related Product Information for anti-CEACAM6 antibody	Carcinoembryonic antigen-related cell adhesion molecule 6 (CEACAM6), also known as nonspecific crossreacting antigen (NCA) and CD66c, is one of seven human CEACAM family members within the immunoglobulin superfamily. It is a glycosylphosphatidylinositol-linked immunoglobulin superfamily member that is overexpressed in a variety of human cancers, including colon, breast and lung and is associated with tumorigenesis, tumour cell adhesion, invasion and metastasis. CEACAM6 is a unique mediator of migration and invasion of drug resistant oestrogen-deprived breast cancer cells, and this protein could be an important biomarker of metastasis. CEACAM6 is expressed by granulocytes and their progenitors. It is also expressed by epithelia of various organs and is upregulated in pancreatic and colon adenocarcinomas, as well as hyperplastic polyps. Resistance to adhesion-related apoptosis in tumor cells is conferred in the condition of CEACAM6 overexpression.
References	Duxbury MS, et al. (2004) Overexpression of CEACAM6 promotes insulin-like growth factor I-induced pancreatic adenocarcinoma cellular invasiveness. <i>Oncogene</i> . 23(34): 5834-42. Lewis-Wambi JS, et al. (2008) Overexpression of CEACAM6 promotes migration and invasion of oestrogen-deprived breast cancer cells. <i>Eur J Cancer</i> . 44(12): 1770-9.

NCBI AND UNIPROT INFORMATION

NCBI GI #	612407822
NCBI GeneID	4680
NCBI Accession #	NP_002474.4
NCBI GenBank Nucleotide #	NM_002483.6
UniProt Accession #	P40199 ; Q13774 ; Q14920 ; Q53XP7
Molecular Weight	37,195 Da
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
NCBI Protein Information	carcinoembryonic antigen-related cell adhesion molecule 6
UniProt Protein Name	Carcinoembryonic antigen-related cell adhesion molecule 6
UniProt Gene Name	CEACAM6
UniProt Synonym Gene Names	NCA

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://www.aaabiotech.com/polyclonal/ceacam6-antibody-immunohistochemistry-elisa/255205>