

Mouse anti-Human Carcinoembryonic Antigen (CEA)/CD66e Monoclonal Antibody | anti-CEACAM5 antibody

Carcinoembryonic Antigen (CEA)/CD66e Mouse Monoclonal Antibody [Clone C66/4098]

CATALOG # AAA215528	HOST Mouse	REACTIVITY Human	APPLICATIONS Immunohistochemistry
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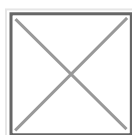
PRODUCT SYNONYMS

Carcinoembryonic Antigen (CEA)/CD66e; Monoclonal Antibody; Carcinoembryonic Antigen (CEA)/CD66e Mouse Monoclonal Antibody [Clone C66/4098]; Carcinoembryonic Antigen-related Cell Adhesion Molecule 5; CEACAM5; CD66; Biliary Glycoprotein (BGP-1); anti-CEACAM5 antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Human
Clonality	Monoclonal
Isotype	Mouse/IgG1, kappa
Clone Number	C66/4098
Form/Format	200ug/ml of Ab purified from Bioreactor Concentrate by Protein A/G. Prepared in 10mM PBS with 0.05% BSA & 0.05% azide. Also available WITHOUT BSA & azide at 1.0mg/ml.
Concentration	Purified Ab with BSA and Azide at 200ug/ml OR Purified Ab WITHOUT BSA and Azide at 1.0mg/ml (varies by lot)
Applicable Applications for anti-CEACAM5 antibody	IHC (Immunohistochemistry)
Immunogen	Recombinant full-length human CEA protein
Cellular Localization	Cell surface
Positive Control	MCF7 or 293T cells. Human colon carcinoma.
Hu-chromosome Location	19q13.2
Unigene	709196
Preparation and Storage	Antibody with azide: store at 2 to 8 degree C Antibody without azide: store at -20 to -80 degree C Antibody is stable for 24 months. Non-hazardous. No MSDS required.

IMAGES



IHC (Immunohistochemistry)

Formalin-fixed, paraffin-embedded human small intestine stained with CEA Mouse Monoclonal Antibody (C66/4098).

ADDITIONAL INFORMATION

Related Product Information for anti-CEACAM5 antibody	The CD66 (carcinoembryonic antigen, CEA, biliary glycoprotein I, BGP-1, CEACAM) immunoglobulin superfamily of genes encode cell adhesion proteins, which are expressed at higher levels in tumorous tissues than in normal tissues. The human CD66 gene family is a diverse set of glycoproteins of epithelial and hematopoietic lineage that comprises 29 genes, which map to chromosome position 19q13. 2. CD66A, CD66B, CD66C, CD66D, CD66E and CD66F are the best characterized CD66 antigens, and CD66A-D expression upregulates on the surface of granulocytes upon stimulation. Certain CD66 family members mediate homotypic and heterotypic intercellular adhesion events. CD66E, also known as CEA, is a well-known tumor marker and a heavily glycosylated GPI-linked cell surface molecule.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	317373456
NCBI GeneID	1048
UniProt Accession #	P06731; H9KVA7
Molecular Weight	76,795 Da
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
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.

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Online datasheet: <https://stage.aaabiotech.com/monoclonal/carcinoembryonic-antigen-cea-cd66e-antibody-clone-c66-4098-immunohistochemistry-elisa/215528>