

Mouse anti-Human CEACAM5 Polyclonal Antibody | anti-CEACAM5 antibody

CEACAM5 Mouse mAb

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA28422	Mouse	Human	Western Blot, Immunohistochemistry, Immunoprecipitation

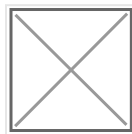
PRODUCT SYNONYMS

CEACAM5; Polyclonal Antibody; CEACAM5 Mouse mAb; CD66e; CEA; anti-CEACAM5 antibody

PRODUCT SPECIFICATIONS

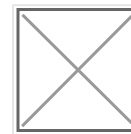
Host	Mouse
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity purification
Form/Format	PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
Sequence	DVWSCGVTLV VMLVGAYPFE DPEEPRDYRK TIQRILSVKY SIPDDIRISP ECCHLISRIF VADPATRISI PEIKTHSWFL KNLPADLMNE SNTGSQFQEP E
Applicable Applications for anti-CEACAM5 antibody	WB (Western Blot), IHC (Immunohistochemistry), IP (Immunoprecipitation)
Application Notes	WB: 1:500-1:2000 IHC: 1:50-1:200 IP: 1:50-1:200
Positive Samples	MCF7
Immunogen	Recombinant fusion protein containing a sequence corresponding to amino acids 35-685 of human CEACAM5.
Cellular Location	Cell membrane, GPI-anchor, Lipid-anchor
Preparation and Storage	Store at -20 degree C. Avoid freeze/thaw cycles.

IMAGES



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded Human breast cancer using CEACAM5 antibody at dilution of 100 (40x lens). Perform microwave antigen retrieval with 10 mM PBS buffer pH 7.2 before commencing with IHC staining protocol.



IHC (Immunohistochemistry)

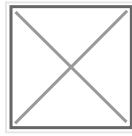
Immunohistochemistry of paraffin-embedded Human urothelial carcinoma using CEACAM5 antibody at dilution of 100 (40x lens). Perform microwave antigen retrieval with 10 mM PBS buffer pH 7.2 before commencing with IHC staining protocol.

**IHC (Immunohistochemistry)**

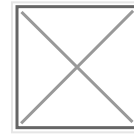
Immunohistochemistry of paraffin-embedded Human hepatocellular carcinoma using CEACAM5 antibody at dilution of 100 (40x lens). Perform microwave antigen retrieval with 10 mM PBS buffer pH 7.2 before commencing with IHC staining protocol.

**IHC (Immunohistochemistry)**

Immunohistochemistry of paraffin-embedded Human colon carcinoma using CEACAM5 antibody at dilution of 100 (40x lens). Perform microwave antigen retrieval with 10 mM PBS buffer pH 7.2 before commencing with IHC staining protocol.

**IHC (Immunohistochemistry)**

Immunohistochemistry of paraffin-embedded Human appendix using CEACAM5 antibody at dilution of 100 (40x lens). Perform microwave antigen retrieval with 10 mM PBS buffer pH 7.2 before commencing with IHC staining protocol.

**IHC (Immunohistochemistry)**

Immunohistochemistry of paraffin-embedded Human tonsil (negative control sample) using CEACAM5 antibody at dilution of 100 (40x lens). Perform microwave antigen retrieval with 10 mM PBS buffer pH 7.2 before commencing with IHC staining protocol.

ADDITIONAL INFORMATION

Related Product Information for anti-CEACAM5 antibody	This gene encodes a cell surface glycoprotein that represents the founding member of the carcinoembryonic antigen (CEA) family of proteins. The encoded protein is used as a clinical biomarker for gastrointestinal cancers and may promote tumor development through its role as a cell adhesion molecule. Additionally, the encoded protein may regulate differentiation, apoptosis, and cell polarity. This gene is present in a CEA family gene cluster on chromosome 19. Alternative splicing results in multiple transcript variants.
Product Categories/Family for anti-CEACAM5 antibody	Cancer ; Tumor immunology ; Tumor-associated antigens ; Tumor biomarkers ; Immunology & Inflammation ; CD markers ; Stem Cells ; Mesenchymal Stem Cells ; Monoclonal Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	1063743771
NCBI GeneID	836822
NCBI Accession #	NP_001318893.1
NCBI GenBank Nucleotide #	NM_001345807.1
UniProt Accession #	Q39193 ; Q8RWG9
Molecular Weight	41,085 Da
NCBI Official Full Name	sucrose nonfermenting 1(SNF1)-related protein kinase 2.3
NCBI Official Symbol	SNRK2.3
NCBI Official Synonym Symbols	SNRK2-3; SRK2I; SUCROSE NONFERMENTING 1 (SNF1)-RELATED PROTEIN KINASE 2-3; sucrose nonfermenting 1(SNF1)-related protein kinase 2.3
NCBI Protein Information	sucrose nonfermenting 1(SNF1)-related protein kinase 2.3
UniProt Protein Name	Serine/threonine-protein kinase SRK2I
UniProt Gene Name	SRK2I
UniProt Synonym Gene Names	41K; OSKL2; SNRK2.3; SnRK2.3

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/ceacam5-antibody-western-blot-immunohistochemistry-immunoprecipitation-elisa/28422>