

Anti-CEACAM5 antibody (35-685) [S1MM] (STJ11100101)

GENERAL INFORMATION

Product Type	Primary antibodies
Applications	WB/IHC-P/IP/ELISA
Host / Source	Mouse
Reactivity	Human

PRODUCT PROPERTIES

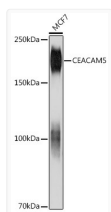
Clonality	Monoclonal
Concentration	Lot specific
Conjugation	Unconjugated
Purification	Affinity purification
Dilution Range	WB:1:1000-1:2000 IHC-P:1:200-1:2000 IP:0.5 Mu g-4 Mu g antibody for 200 Mu g-400 Mu g extracts of whole cells ELISA:Recommended starting concentration is 1 Mu g/mL. Please optimize the concentration based on your specific assay requirement
Formulation	PBS with 0.05% Proclin300, 50% Glycerol, pH 7.3.
Isotype	IgG1k
Molecular Weight	Protein Mw: 77kDa Observed Mw: 200kDa
Storage Instruction	Store at -20°C for up to 1 year from the date of receipt, and avoid repeat freeze-thaw cycles.

TARGET INFORMATION

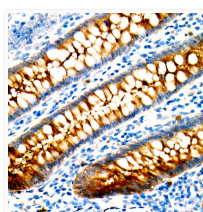
Gene ID	1048
Gene Symbol	CEACAM5
UniProt ID	CEAM5_HUMAN
Immunogen Region	35-685
Immunogen Sequence	KLTIESTPFNVAEGKEVLLL VHNLPQHLFGYSWYKGERVD GNRQIIGYVIGTQQATPGPA YSGREIYPNASLLIQNIQ NDTGFYTLHVIKSDLVNEEA TGQFRVYPELPKPSISSNNS KPVEDKDAVAFTCEPETQDA TYLWVWNNQSLPVSPRLQLS NGNRTLTLFNVTRNDTASYK CETQNPVSARRSDSVILNVL YGPDAPTISPLNTSYRSGEN LNLSCHAASNPPAQYSWFV
Specificity	Recombinant fusion protein containing a sequence corresponding to amino acids 35-685 of human CEACAM5.

ADDITIONAL INFORMATION

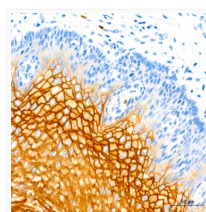
Note **STRICTLY FOR FURTHER SCIENTIFIC RESEARCH USE ONLY (RUO). MUST NOT TO BE USED IN DIAGNOSTIC OR THERAPEUTIC APPLICATIONS.**



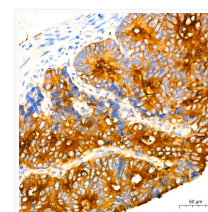
Western blot analysis of extracts of MCF7 cells, using CEACAM5 antibody (STJ11100101) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-mouse IgG (H+L) (STJS000854) at 1:10000 dilution. Lysates/proteins: 25 Mu g per lane. Blocking buffer: 3% non-fat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 180s.



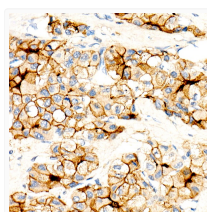
Immunohistochemistry analysis of paraffin-embedded human appendix using CEACAM5 mouse monoclonal antibody (STJ11100101) at dilution of 1:200 (40x lens). Perform high pressure antigen retrieval with 10 mM Tris/EDTA buffer pH 9.0 before commencing with immunohistochemistry staining protocol.



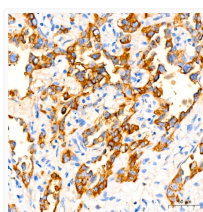
Immunohistochemistry analysis of paraffin-embedded human esophagus using CEACAM5 mouse monoclonal antibody (STJ11100101) at dilution of 1:200 (40x lens). Perform high pressure antigen retrieval with 10 mM Tris/EDTA buffer pH 9.0 before commencing with immunohistochemistry staining protocol.



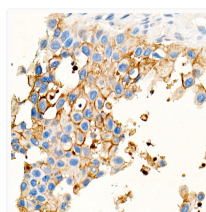
Immunohistochemistry analysis of paraffin-embedded human gastric cancer using CEACAM5 mouse monoclonal antibody (STJ11100101) at dilution of 1:200 (40x lens). Perform high pressure antigen retrieval with 10 mM Tris/EDTA buffer pH 9.0 before commencing with immunohistochemistry staining protocol.



Immunohistochemistry analysis of paraffin-embedded Human hepatocellular carcinoma using CEACAM5 mouse monoclonal antibody (STJ11100101) at dilution of 1:200 (40x lens). Perform high pressure antigen retrieval with 10 mM Tris/EDTA buffer pH 9.0 before commencing with immunohistochemistry staining protocol.



Immunohistochemistry analysis of paraffin-embedded Human lung adenocarcinoma using CEACAM5 mouse monoclonal antibody (STJ11100101) at dilution of 1:200 (40x lens). Perform high pressure antigen retrieval with 10 mM Tris/EDTA buffer pH 9.0 before commencing with immunohistochemistry staining protocol.



Immunohistochemistry analysis of paraffin-embedded human urothelial carcinoma using CEACAM5 mouse monoclonal antibody (STJ11100101) at dilution of 1:200 (40x lens). Perform high pressure antigen retrieval with 10 mM Tris/EDTA buffer pH 9.0 before commencing with immunohistochemistry staining protocol.