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CEA

Mouse Monoclonal antibody(Mab)
Catalog # AD80017

Product Information

Application	IHC-P
Primary Accession	P06731
Reactivity	Human
Host	Mouse
Clonality	Monoclonal
Clone Names	239A2F1
Calculated MW	76796

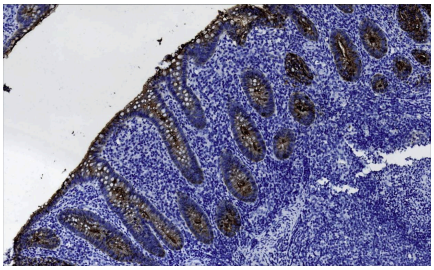
Additional Information

Gene ID	1048
Gene Name	CEACAM5
Other Names	Carcinoembryonic antigen-related cell adhesion molecule 5, Carcinoembryonic antigen, CEA, Meconium antigen 100, CD66e, CEACAM5, CEA
Dilution	IHC-P~~Ready-to-use
Storage	Maintain refrigerated at 2-8°C.
Precautions	CEA Antibody is for research use only and not for use in diagnostic or therapeutic procedures.

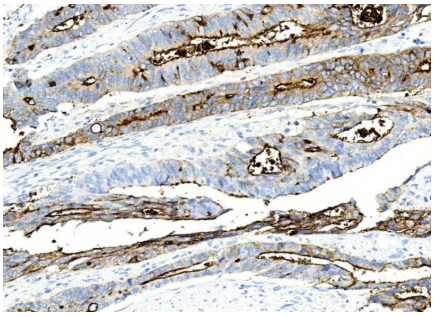
Protein Information

Name	CEACAM5 (HGNC:1817)
Function	Cell surface glycoprotein that plays a role in cell adhesion, intracellular signaling and tumor progression (PubMed:10864933, PubMed:10910050, PubMed:2803308). Mediates homophilic and heterophilic cell adhesion with other carcinoembryonic antigen-related cell adhesion molecules, such as CEACAM6 (PubMed:2803308). Plays a role as an oncogene by promoting tumor progression; induces resistance to anoikis of colorectal carcinoma cells (PubMed:10910050).
Cellular Location	Cell membrane; Lipid-anchor, GPI-anchor; Extracellular side. Apical cell membrane. Cell surface Note=Localized to the apical glycocalyx surface
Tissue Location	Expressed in columnar epithelial and goblet cells of the colon (at protein level) (PubMed:10436421). Found in adenocarcinomas of endodermally derived digestive system epithelium and fetal colon.

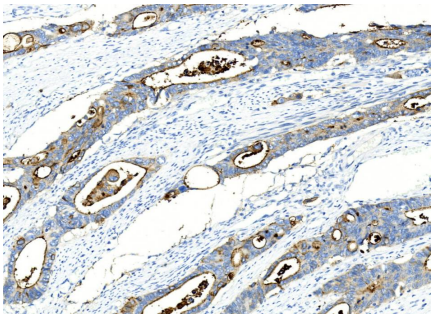
Images



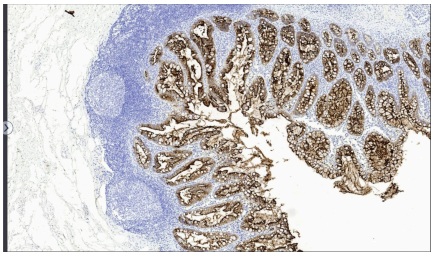
Immunohistochemical analysis of formalin-fixed and paraffin-embedded human appendix tissue was performed with CEA primary antibody, followed by peroxidase-conjugated secondary antibody and DAB staining.



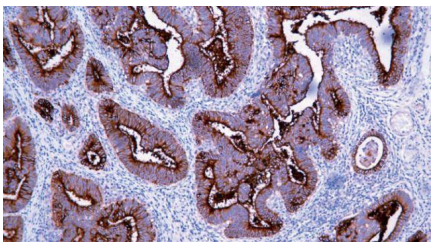
Immunohistochemical analysis of formalin-fixed and paraffin-embedded human colon carcinoma tissue was performed with CEA primary antibody, followed by peroxidase-conjugated secondary antibody and DAB staining.



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Immunohistochemical analysis of formalin-fixed and paraffin-embedded human colon carcinoma tissue was performed with CEA primary antibody, followed by peroxidase-conjugated secondary antibody and DAB staining.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.