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Anti-CD66e Antibody

Mouse monoclonal antibody to CD66e
Catalog # AP61606

Product Information

Application	IHC
Primary Accession	P06731
Reactivity	Human
Host	Mouse
Clonality	Monoclonal
Calculated MW	76796

Additional Information

Gene ID	1048
Other Names	CEA; Carcinoembryonic antigen-related cell adhesion molecule 5; Carcinoembryonic antigen; CEA; Meconium antigen 100; CD66e
Target/Specificity	KLH-conjugated synthetic peptide encompassing a sequence within human CD66e. The exact sequence is proprietary.
Dilution	IHC~~1:100~500
Format	Mouse IgG2b. Liquid in PBS containing 50% glycerol, 0.2% BSA and 0.09% (W/V) sodium azide.
Storage	Store at -20 °C.Stable for 12 months from date of receipt

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. 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.

Background

KLH-conjugated synthetic peptide encompassing a sequence within human CD66e. The exact sequence is proprietary.