

CD66e Polyclonal Antibody
Catalog # AP73355**Specification**

CD66e Polyclonal Antibody - Product Information

Application	WB, IHC-P
Primary Accession	P06731
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal

CD66e Polyclonal Antibody - Additional Information**Gene ID** 1048**Other Names**

CEACAM5; CEA; Carcinoembryonic antigen-related cell adhesion molecule 5; Carcinoembryonic antigen; CEA; Meconium antigen 100; CD66e

Dilution

WB~~Western Blot: 1/500 - 1/2000. IHC-p: 1:100-300 ELISA: 1/20000. Not yet tested in other applications.

IHC-P~~N/A

Format

Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.09% (W/V) sodium azide.

Storage Conditions

-20°C

CD66e Polyclonal Antibody - 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

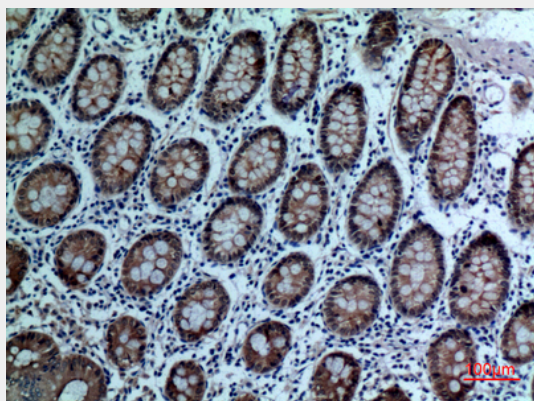
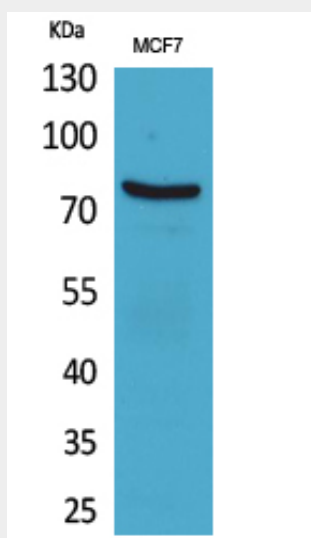
Expressed in columnar epithelial and goblet cells of the colon (at protein level) (PubMed:10436421). Found in adenocarcinomas of endodermally derived digestive system epithelium and fetal colon.

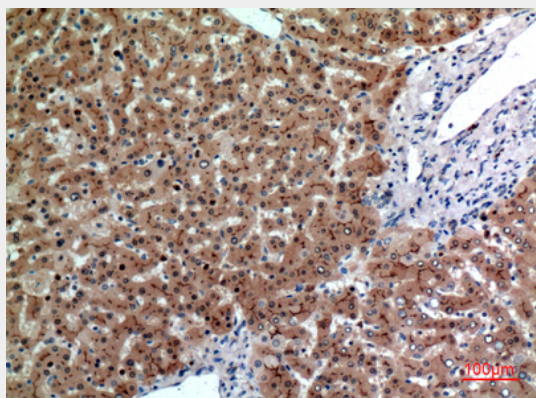
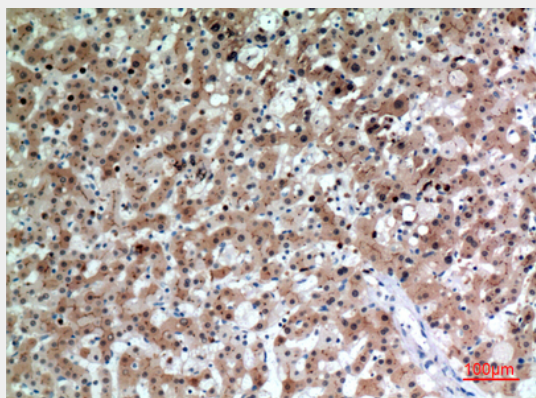
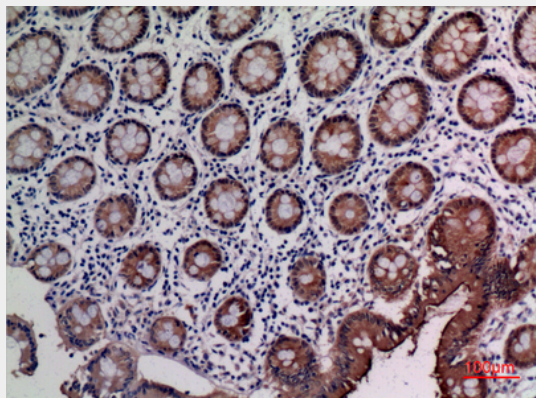
CD66e Polyclonal Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

CD66e Polyclonal Antibody - Images





CD66e Polyclonal Antibody - Background

Cell surface glycoprotein that plays a role in cell adhesion, intracellular signaling and tumor progression (PubMed:2803308, PubMed:10910050, PubMed:10864933). 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).