

---

<b>Product name:</b>	CEACAM6 (1P7) Rabbit Monoclonal Antibody
<b>Cat number:</b>	MABN08617
<b>Conjugate:</b>	Unconjugated
<b>Size:</b>	100µL
<b>Clone:</b>	Monoclonal
<b>Concentration:</b>	1mg/ml
<b>Host:</b>	Rabbit
<b>Isotype:</b>	IgG
<b>Immunogen:</b>	Recombinant protein of human CEACAM6
<b>Reactivity:</b>	Human
<b>Applications:</b>	WB 1:500-1:2000,IHC 1:200-1:2000,ICC/IF 1:200-1:500,FC 1:200-1:500,IP 1:20-1:50
<b>Molecular Weight:</b>	37kDa
<b>Purification:</b>	Affinity purification
<b>Form:</b>	Liquid
<b>Buffer:</b>	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% New type preservative N and 50% glycerol. Store at +4°C short term. Store at -20°C long term. Avoid freeze / thaw cycle.
<b>Storage:</b>	Store at 4°C short term. Aliquot and store at -20°C for 12 months. Avoid freeze/thaw cycles.
<b>Background:</b>	Mediate homotypic and heterotypic intercellular adhesion events independently of cell type . Cell surface glycoprotein that plays a role in cell adhesion and tumor progression (PubMed:2803308, PubMed:2022629, PubMed:1378450, PubMed:8776764, PubMed:11590190, PubMed:10910050, PubMed:14724575, PubMed:16204051). Intercellular adhesion occurs in a calcium- and fibronectin-independent manner (PubMed:2022629, PubMed:16204051). Mediates homophilic and heterophilic cell adhesion with other carcinoembryonic antigen-related cell adhesion molecules, such as CEACAM5 and CEACAM8 (PubMed:2803308, PubMed:2022629, PubMed:8776764, PubMed:11590190, PubMed:16204051). Heterophilic interaction with CEACAM8 occurs in activated neutrophils (PubMed:8776764). Plays a role in neutrophil adhesion to cytokine-activated endothelial cells (PubMed:1378450). Plays a role as an oncogene by promoting tumor progression; positively regulates cell migration, cell adhesion to endothelial cells and cell invasion (PubMed:16204051). Also involved in the metastatic cascade process by inducing gain resistance to anoikis of pancreatic adenocarcinoma and colorectal carcinoma cells (PubMed:10910050, PubMed:14724575).