

Product name:	CEACAM6 (1P7) Rabbit Monoclonal Antibody
Cat number:	MABN08617
Conjugate:	Unconjugated
Size:	100µL
Clone:	Monoclonal
Concentration:	1mg/ml
Host:	Rabbit
Isotype:	IgG
Immunogen:	Recombinant protein of human CEACAM6
Reactivity:	Human
Applications:	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
Molecular Weight:	37kDa
Purification:	Affinity purification
Form:	Liquid
Buffer:	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.
Storage:	Store at 4°C short term. Aliquot and store at -20°C for 12 months. Avoid freeze/thaw cycles.
Background:	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).