

Product Name: CEACAM6 (1P7) Rabbit Monoclonal Antibody
Catalog #: AMRe08617



Summary

Production Name	CEACAM6 (1P7) Rabbit Monoclonal Antibody
Description	Rabbit Monoclonal Antibody
Host	Rabbit
Application	WB,ELISA
Reactivity	Human,Mouse,Rat

Performance

Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG
Clonality	Monoclonal
Form	Liquid
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
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.
Purification	Affinity purification

Immunogen

Gene Name	CEACAM6
Alternative Names	CD66c; CEACAM6; CEAL; NCA; Non specific cross reacting antigen; Normal cross reacting antigen;
Gene ID	4680.0
SwissProt ID	P40199.

Application

Dilution Ratio	WB 1:1000-1:5000
Molecular Weight	37kDa

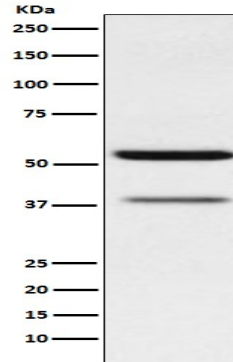
Background

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](http://www.uniprot.org/citations/2803308)), PubMed: [2022629](http://www.uniprot.org/citations/2022629), PubMed: [1378450](http://www.uniprot.org/citations/1378450), PubMed: [8776764](http://www.uniprot.org/citations/8776764), PubMed: [11590190](http://www.uniprot.org/citations/11590190), PubMed: [10910050](http://www.uniprot.org/citations/10910050), PubMed: [14724575](http://www.uniprot.org/citations/14724575), PubMed: [16204051](http://www.uniprot.org/citations/16204051)). Intercellular adhesion occurs in a calcium- and fibronectin-independent manner (PubMed: [2022629](http://www.uniprot.org/citations/2022629), PubMed: [16204051](http://www.uniprot.org/citations/16204051)). Mediates homophilic and heterophilic cell adhesion with other carcinoembryonic antigen-related cell adhesion molecules, such as CEACAM5 and CEACAM8 (PubMed: [2803308](http://www.uniprot.org/citations/2803308), PubMed: [2022629](http://www.uniprot.org/citations/2022629), PubMed: [8776764](http://www.uniprot.org/citations/8776764), PubMed: [11590190](http://www.uniprot.org/citations/11590190), PubMed: [16204051](http://www.uniprot.org/citations/16204051)). Heterophilic interaction with CEACAM8 occurs in activated neutrophils (PubMed: [8776764](http://www.uniprot.org/citations/8776764)). Plays a role in neutrophil adhesion to cytokine-activated endothelial cells (PubMed: [1378450](http://www.uniprot.org/citations/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](http://www.uniprot.org/citations/16204051)). Also involved in the metastatic cascade process by inducing gain resistance to anoikis of pancreatic adenocarcinoma and colorectal carcinoma cells (PubMed: [10910050](http://www.uniprot.org/citations/10910050), PubMed: [14724575](http://www.uniprot.org/citations/14724575)).

Research Area

Image Data

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Western blot analysis of CEACAM6 expression in MCF7 cell lysate.

Note

For research use only.