

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,IHC-P,ICC/IF,FC,IP
Reactivity	Human

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. Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% New type
Buffer	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, IHC-P/IF-P 1:200-1:2000, ICC/IF 1:200-1:500, FCM 1:200-1:500, IP 1:20-1:50
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Molecular Weight 37kDa

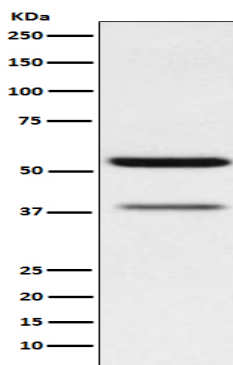
Background

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.