

**CEACAM6 Antibody (Center)**  
**Affinity Purified Rabbit Polyclonal Antibody (Pab)**  
**Catalog # AP17875c**

**Specification**

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**CEACAM6 Antibody (Center) - Product Information**

Application	WB,E
Primary Accession	<a href="#">P40199</a>
Other Accession	<a href="#">NP_002474.3</a>
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Calculated MW	37237
Antigen Region	188-214

**CEACAM6 Antibody (Center) - Additional Information**

**Gene ID** 4680

**Other Names**

Carcinoembryonic antigen-related cell adhesion molecule 6, Non-specific crossreacting antigen, Normal cross-reacting antigen, CD66c, CEACAM6, NCA

**Target/Specificity**

This CEACAM6 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 188-214 amino acids from the Central region of human CEACAM6.

**Dilution**

WB~~1:1000

**Format**

Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.

**Storage**

Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

**Precautions**

CEACAM6 Antibody (Center) is for research use only and not for use in diagnostic or therapeutic procedures.

**CEACAM6 Antibody (Center) - Protein Information**

**Name** CEACAM6

**Synonyms** NCA

**Function** Cell surface glycoprotein that plays a role in cell adhesion and tumor progression (PubMed:[10910050](#), PubMed:[11590190](#), PubMed:[1378450](#), PubMed:[14724575](#), PubMed:[16204051](#), PubMed:[2022629](#), PubMed:[2803308](#), PubMed:[8776764](#)). Intercellular adhesion occurs in a calcium- and fibronectin-independent manner (PubMed:[16204051](#), PubMed:[2022629](#)). Mediates homophilic and heterophilic cell adhesion with other carcinoembryonic antigen-related cell adhesion molecules, such as CEACAM5 and CEACAM8 (PubMed:[11590190](#), PubMed:[16204051](#), PubMed:[2022629](#), PubMed:[2803308](#), PubMed:[8776764](#)). 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](#)).

#### Cellular Location

Cell membrane; Lipid-anchor, GPI-anchor. Apical cell membrane. Cell surface. Note=Localized to the apical glycolyx surface.

#### Tissue Location

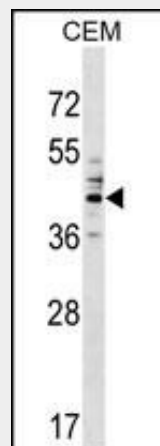
Expressed in neutrophils (PubMed:[1378450](#)). Expressed in columnar epithelial and goblet cells of the colon (PubMed:[10436421](#)). Expressed in numerous tumor cell lines (at protein level) (PubMed:[16204051](#)).

### CEACAM6 Antibody (Center) - 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](#)

### CEACAM6 Antibody (Center) - Images



CEACAM6 Antibody (Center) (Cat. #AP17875c) western blot analysis in CEM cell line lysates (35ug/lane). This demonstrates the CEACAM6 antibody detected the CEACAM6 protein (arrow).

### **CEACAM6 Antibody (Center) - Background**

Carcinoembryonic antigen (CEA; MIM 114890) is one of the most widely used tumor markers in serum immunoassay determinations of carcinoma. An apparent lack of absolute cancer specificity for CEA probably results in part from the presence in normal and neoplastic tissues of antigens that share antigenic determinants with the 180-kD form of CEA (Barnett et al., 1988 [PubMed 3220478]). For background information on the CEA family of genes, see CEACAM1 (MIM 109770).

### **CEACAM6 Antibody (Center) - References**

Wang, Y., et al. J. Clin. Invest. 119(6):1604-1615(2009)  
Kolla, V., et al. Am. J. Physiol. Lung Cell Mol. Physiol. 296 (6), L1019-L1030 (2009) :  
Litkouhi, B., et al. Gynecol. Oncol. 109(2):234-239(2008)  
Owaidah, T.M., et al. Hematol Oncol Stem Cell Ther 1(1):34-37(2008)  
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