



## Rabbit Anti-CEACAM7 antibody

SL13818R

<b>Product Name:</b>	CEACAM7
<b>Chinese Name:</b>	癌胚抗原相关Cell adhesion molecule7抗体
<b>Alias:</b>	Carcinoembryonic antigen CGM 2; Carcinoembryonic antigen CGM2; Carcinoembryonic antigen gene family member 2; Carcinoembryonic antigen related cell adhesion molecule 7; Carcinoembryonic antigen-related cell adhesion molecule 7; CEA; CEACAM 7; CEACAM7; CEAM7 HUMAN; CGM 2; CGM2.
<b>Organism Species:</b>	Rabbit
<b>Clonality:</b>	Polyclonal
<b>React Species:</b>	Human,
<b>Applications:</b>	ELISA=1:500-1000IHC-P=1:400-800IHC-F=1:400-800ICC=1:100-500IF=1:100-500 (Paraffin sections need antigen repair) not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
<b>Molecular weight:</b>	26kDa
<b>Cellular localization:</b>	The cell membrane
<b>Form:</b>	Lyophilized or Liquid
<b>Concentration:</b>	1mg/ml
<b>immunogen:</b>	KLH conjugated synthetic peptide derived from human CEACAM7:161-265/265
<b>Lsotype:</b>	IgG
<b>Purification:</b>	affinity purified by Protein A
<b>Storage Buffer:</b>	0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.
<b>Storage:</b>	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. The lyophilized antibody is stable at room temperature for at least one month and for greater than a year when kept at -20°C. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.
<b>PubMed:</b>	<a href="#">PubMed</a>
<b>Product Detail:</b>	Carcinoembryonic antigen (CEA) is one of the most commonly used tumor markers in serum immunoassay determinations of carcinoma. Members of the CEA family contain a single N domain, with structural homology to the immunoglobulin variable domains, followed by a variable number of immunoglobulin constant-like A and/or B domains.

CEACAM7, also referred to as CEA gene-family member 2 (CGM2), is a member of the CEA family that is expressed in normal colorectal epithelia but is downregulated in colorectal cancers, suggesting that it may play a role in tumorigenesis. CECAM7 is expressed on the apical surface of highly differentiated epithelial cells in the colorectal mucosa as well as on isolated ductal epithelial cells within the pancreas. CECAM7 may play an important role in epithelial-microbial interactions. CD66a, a biliary glycoprotein, interacts with CEACAM7.

**Subcellular Location:**

Cell membrane.

**Tissue Specificity:**

Strongly down-regulated in colonic adenocarcinomas.

**Similarity:**

Belongs to the immunoglobulin superfamily. CEA family.  
Contains 1 Ig-like C2-type (immunoglobulin-like) domain.  
Contains 1 Ig-like V-type (immunoglobulin-like) domain.

**SWISS:**

Q14002

**Gene ID:**

1087

**Database links:**

[Entrez Gene: 1087](#) Human

[SwissProt: Q14002](#) Human

[Unigene: 74466](#) Human

**Important Note:**

This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.