



# Rabbit Anti-Human CEACAM6 monoclonal antibody, clone S519 (CABT-ZB932)

This product is for research use only and is not intended for diagnostic use.

## PRODUCT INFORMATION

<b>Specificity</b>	It reacts with Human CEACAM6 It has no cross-reactivity in ELISA with Human CEACAM1/CD66a, Human CEACAM5/CD66e.
<b>Target</b>	CEACAM6
<b>Immunogen</b>	Recombinant Human CD66c protein
<b>Isotype</b>	IgG
<b>Source/Host</b>	Rabbit
<b>Species Reactivity</b>	Human
<b>Clone</b>	S519
<b>Purification</b>	Protein A purified
<b>Conjugate</b>	Unconjugated
<b>Applications</b>	ELISA, FC, ICC/IF We recommend the following for sandwich ELISA (Capture - Detection): CABT-ZB578 - CABT-ZB932 This antibody will detect CEACAM6 in antibody pair set. [ABPR-ZB155]
<b>Preparation</b>	This antibody was obtained from a rabbit immunized with purified, recombinant Human CEACAM6.
<b>Format</b>	Purified, Liquid
<b>Concentration</b>	Lot specific

<b>Size</b>	50 µL, 100 µL
<b>Buffer</b>	PBS
<b>Preservative</b>	None
<b>Storage</b>	This antibody can be stored at 2°C-8°C for one month without detectable loss of activity. Antibody products are stable for twelve months from date of receipt when stored at -20°C to -80°C. Preservative-Free. Avoid repeated freeze-thaw cycles.
<b>Ship</b>	Wet ice

## BACKGROUND

**Introduction** Carcinoembryonic antigen-related cell adhesion molecule 6 (CEACAM6), also known as nonspecific crossreacting antigen (NCA) and CD66c, is one of seven human CEACAM family members within the immunoglobulin superfamily. It is a glycosylphosphatidylinositol-linked immunoglobulin superfamily member that is overexpressed in a variety of human cancers, including colon, breast and lung and is associated with tumorigenesis, tumour cell adhesion, invasion and metastasis. CEACAM6 is a unique mediator of migration and invasion of drug resistant oestrogen-deprived breast cancer cells, and this protein could be an important biomarker of metastasis. CEACAM6 is expressed by granulocytes and their progenitors. It is also expressed by epithelia of various organs and is upregulated in pancreatic and colon adenocarcinomas, as well as hyperplastic polyps. Resistance to adhesion-related apoptosis in tumor cells is conferred in the condition of CEACAM6 overexpression.

**Keywords** NCA; CEAL; CD66c

## GENE INFORMATION

**Synonyms** NCA; CEAL; CD66c

**Entrez Gene ID** [4680](#)

**UniProt ID** [P40199](#)