



# Recombinant Rabbit Anti-Human CEACAM5 Monoclonal Antibody, clone CQ7196 (CABT-Z250R)

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

## PRODUCT INFORMATION

<b>Immunogen</b>	Natural protein within full length CEA was used as an immunogen.
<b>Isotype</b>	IgG
<b>Source/Host</b>	Rabbit
<b>Species Reactivity</b>	Human
<b>Clone</b>	CQ7196
<b>Purification</b>	ProA affinity purified IgG.
<b>Conjugate</b>	Unconjugated
<b>Applications</b>	IHC-P Recommended concentration: IHC-P: 1:100-1:200
<b>Molecular Weight</b>	77 kDa
<b>Cellular Localization</b>	Cytoplasmic and luminal membrane
<b>Positive Control</b>	Colon carcinoma
<b>Format</b>	Liquid
<b>Concentration</b>	Lot specific
<b>Size</b>	100 µl

<b>Buffer</b>	PBS 59%, Sodium azide 0.01%, Glycerol 40%, BSA 0.05%.
<b>Preservative</b>	0.01% Sodium azide
<b>Storage</b>	Store at -20 °C. Avoid freeze/thaw cycles.
<b>Ship</b>	Wet ice

## BACKGROUND

<b>Introduction</b>	Carcinoembryonic antigen (CEA) is a glycoprotein produced in colorectal cancer tissues. In normal adult tissue, CEA is expressed in the apical border and, to a lesser extent in the cytoplasm, of the columnar cells of colon, small intestine, stomach (surface epithelium, mucous neck cells and weakly in pyloric mucous cells), pancreatic ducts, secretory epithelia of sweat glands, squamous epithelial cells of the tongue, esophagus, uterine cervix, and urothelium. The CEA antibody is a useful aid for classification of adenocarcinomas, notably in the gastrointestinal tract, including colonic and pancreatic carcinomas. IHC results also aid in the classification of secretory meningiomas and medullary carcinoma of the thyroid.
<b>Keywords</b>	CEACAM5; carcinoembryonic antigen-related cell adhesion molecule 5; CEA; CD66e; meconium antigen 100; Carcinoembryonic Antigen

## GENE INFORMATION

<b>Gene Name</b>	CEACAM5
<b>Entrez Gene ID</b>	<a href="#">1048</a>
<b>UniProt ID</b>	<a href="#">P06731</a>