



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

Immunogen	Natural protein within full length CEA was used as an immunogen.
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	Human
Clone	CQ7196
Purification	ProA affinity purified IgG.
Conjugate	Unconjugated
Applications	IHC-P Recommended concentration: IHC-P: 1:100-1:200
Molecular Weight	77 kDa
Cellular Localization	Cytoplasmic and luminal membrane
Positive Control	Colon carcinoma
Format	Liquid
Concentration	Lot specific
Size	100 µl
Buffer	PBS 59%, Sodium azide 0.01%, Glycerol 40%, BSA 0.05%.

Preservative	0.01% Sodium azide
Storage	Store at -20 °C. Avoid freeze/thaw cycles.
Ship	Wet ice

BACKGROUND

Introduction	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.
Keywords	CEACAM5; carcinoembryonic antigen-related cell adhesion molecule 5; CEA; CD66e; meconium antigen 100; Carcinoembryonic Antigen

GENE INFORMATION

Gene Name	CEACAM5
Entrez Gene ID	1048
UniProt ID	P06731