

Recombinant Carcinoembryonic Antigen (CEA) / CD66e Antibody

Rabbit Monoclonal Antibody [Clone C66/3707R]

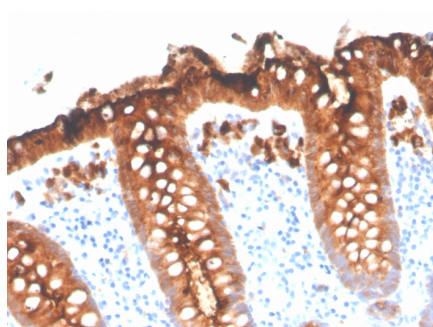
Catalog No	Format	Size
1048-RBM17-P0	Purified Ab with BSA and Azide	200ug/ml
1048-RBM17-P1	Purified Ab with BSA and Azide	200ug/ml
1048-RBM17-P1ABX	Purified Ab WITHOUT BSA and Azide	1.0mg/ml

Applications	Tested Dillution
Immunohistochemistry (IHC)	1-2ug/ml

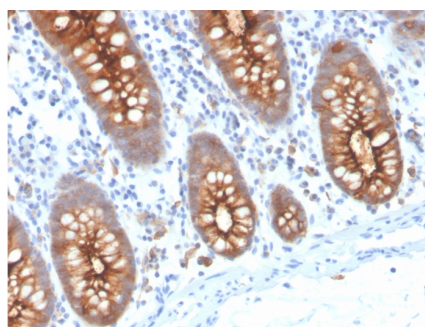
Product Details	
Clone	C66/3707R
Gene Name	CEACAM5
Immunogen	Recombinant full-length human CEA protein
Host	Rabbit
Clonality	Monoclonal
Isotype / Light Chain	IgG / Kappa
Mol. Weight of Antigen	180-200kDa
Cellular Localization	Apical cell membrane, Cell membrane, Cell surface
Species Reactivity	Human
Positive Control	MCF7 or 293T cells. Colon carcinoma

**Optimal dilution for a specific application should be determined.*

Product Images for Recombinant Carcinoembryonic Antigen (CEA) / CD66e Antibody



Formalin-fixed, paraffin-embedded human colon stained with CEAREcombinant Rabbit Monoclonal Antibody (C66/3707R).



Formalin-fixed, paraffin-embedded human colon stained with CEAREcombinant Rabbit Monoclonal Antibody (C66/3707R).

Specificity & Comments

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.

Research Areas

Hematopoietic Stem Cells

Known Applications & Suggested Dilutions

Immunohistochemistry (Formalin-fixed) (1-2ug/ml for 30 minutes at RT), (Staining of formalin-fixed tissues requires heating tissue sections in 10mM Tris with 1mM EDTA, pH 9.0, for 45 min at 95 °C followed by cooling at RT for 20 minutes), Optimal dilution for a specific application should be determined.

Limitations and Warranty

This antibody is available for research use only and is not approved for use in diagnosis.

There are no warranties, expressed or implied, which extend beyond this description. Company is not liable for any personal injury or economic loss resulting from this product.

Supplied As

200ug/ml of Ab purified from Bioreactor Concentrate by Protein A/G. Prepared in 10mM PBS with 0.05% BSA & 0.05% azide. Also available WITHOUT BSA & azide at 1.0mg/ml.

Storage and Stability

Antibody with azide - store at 2 to 8 °C. Antibody without azide - store at -20 to -80 °C. Antibody is stable for 24 months. Non-hazardous. No MSDS required.
