

## Anti-CEA/CEACAM5 Antibody (Monoclonal, 31C49)

Catalog Number: M00356-11

### About CEACAM5

CEA(Carcinoembryonic antigen) is a glycoprotein involved in cell adhesion. It is normally produced during fetal development, but the production of CEA stops before birth. Therefore, it is not usually present in the blood of healthy adults, although levels are raised in heavy smokers. CEA is a glycosyl phosphatidyl inositol(GPI)-cell surface anchored glycoprotein whose specialized sialofucosylated glycoforms serve as functional colon carcinoma L-selectin and E-selectin ligands, which may be critical to the metastatic dissemination of colon carcinoma cells. CEA and related genes make up the CEA family belonging to the immunoglobulin superfamily. In humans, the carcinoembryonic antigen family consists of 29 genes, 18 of which are normally expressed.

### Overview

Product Name	Anti-CEA/CEACAM5 Antibody (Monoclonal, 31C49)
Reactive Species	Human
Description	Boster Bio Anti-CEA/CEACAM5 Antibody (Monoclonal, 31C49) catalog # M00356-11. Tested in WB, IHC, IF, ICC/IF applications. This antibody reacts with Human.
Application	IF, IHC, ICC, WB
Clonality	Monoclonal 31C49
Formulation	Rabbit IgG in stabilizing components, phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol. This antibody is supplied in a stabilized formulation. Compatibility with conjugation reactions depends on the chemistry of the conjugation method used. For conjugation methods that are not compatible with the stabilizing components present in this formulation, a carrier-free antibody format is required.
Storage Instructions	Store at -20°C for one year. For short term storage and frequent use, store at 4°C for up to one month. Avoid repeated freeze-thaw cycles.
Host	Rabbit
Uniprot ID	P06731

### Technical Details

Immunogen	Human Carcinoembryonic Antigen (CEA) purified from human liver.
Form	Liquid
Concentration	500 ug/ml
Purification	Protein A affinity purified.

Suggested Dilutions

Western blot, 1:500-2000  
Immunohistochemistry, 1:50-200  
Immunofluorescence, 1:50-200  
Immunocytochemistry/Immunofluorescence, 1:50-200

**Submit a product review to Biocompare.com**

Submit a review of this product to Biocompare.com to receive a \$20 Amazon.com giftcard! Your reviews help your fellow scientists make the right decisions. Thank you for your contribution.



Anti-CEA/CEACAM5 Antibody (Monoclonal, 31C49)

For Research Use Only. Not for use in diagnostic procedures.