

CEA Recombinant antibody

Cat:B32072R
Company: Haokebio

Uniprot ID:P06731

Applications: IHC:1:100-1:200

Organism:Rabbit

IHC-Polymer:1:400-1:800

Species reactivity:Human

TSA:1:500-1:1000

Background:

Carcinoembryonic Antigen (CEA) is a glycoprotein produced in colorectal cancer tissues. In normal adult tissues, CEA is expressed at the apical border, with weak expression in the cytoplasm. Such expression is observed in cells including: columnar cells of the colon, cells of the small intestine, cells of the stomach (surface epithelium, neck mucous cells, and weakly in pyloric mucous cells), pancreatic ducts, secretory epithelium of sweat glands, squamous epithelial cells of the tongue, as well as cells of the esophagus, cervix, and urothelium. CEA antibodies are helpful for the classification of adenocarcinomas, particularly those in the gastrointestinal tract, including colon cancer and pancreatic cancer. Additionally, Immunohistochemistry (IHC) results aid in distinguishing between secretory meningiomas and medullary thyroid carcinomas.

Protein full name:

carcinoembryonic antigen-related cell adhesion molecule 5

Synonyms:

CEA, CEACAM5, CD66e, Carcinoembryonic antigen-related cell adhesion molecule 5, Carcinoembryonic antigen

Immunogen:

Peptide

Isotype:

IgG

Subcellular location:

Cytoplasm, cavity membrane

Purity:

Affinity purification

Form:

Liquid

Storage Buffer:

PBS with 0.02% sodium azide, 100 µg/ml BSA and 50% glycerol.

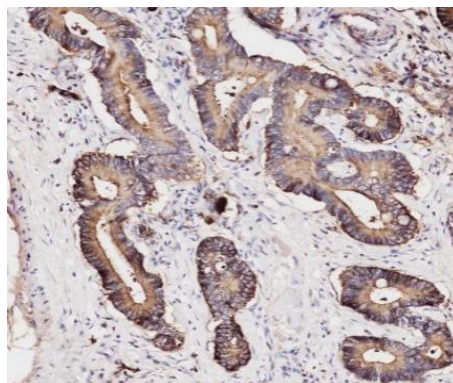
Storage:

Store at -20 °C for one year.

Experimental procedure:

Antigen retrieval: Citrate buffer (pH 9.0), Medium high heat for 8 minutes, stop for 7 minutes, medium high heat for 8 minutes. Incubate antibody, 4°C overnight. Secondary antibody: Poly-HRP Goat Anti-Rabbit & Mouse Universal Secondary Antibody, RT, 1h.

Images:



Sample: Human colon cancer tissue, 4% PFA 12-24h

Source of Reagents:

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