

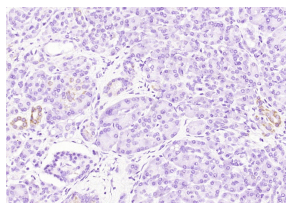
BH0027**[Primary Antibody]****BioSS**
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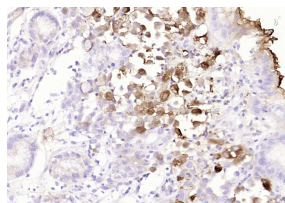
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CEA(ready to use) Mouse mAb**DATASHEET****Host:** Mouse**Isotype:** IgG2b**Clonality:** Monoclonal**CloneNo.:** 2H7**GeneID:** 1048**SWISS:** P06731**Target:** CEA(ready to use)**Immunogen:** Human Carcino Embryonic Antigen: full length.**Purification:** affinity purified by Protein G**Storage:** 0.01M PBS (pH7.4) with 1% BSA and 0.02% Proclin300.
Store at 2-8°C for one year. Avoid repeated freeze/thaw cycles.**Background:** CEA-related cell adhesion molecules (CEACAM) belong to the carcinoembryonic antigen (CEA) family. It consists of seven CEACAM (CEACAM 1, CEACAM 3-CEACAM 8) and 11 pregnancy-specific glycoprotein (PSG 1-PSG 11) members. The CEA family proteins belong to the immunoglobulin (Ig) superfamily and are composed of one Ig variable-like (IgV) and a varying number (0-6) of Ig constant-like (IgC) domains. CEACAM molecules are membrane-bound either via a transmembrane domain or a glycosyl phosphatidyl inositol (GPI) anchor. CEACAM molecules are differentially expressed in epithelial cells or in leucocytes. Over-expression of CEA/ CEACAM 5 in tumors of epithelial origin is the basis of its wide-spread use as a tumor marker. The function of CEACAM family members varies widely: they function as cell adhesion molecules, tumor suppressors, regulators of lymphocyte and dendritic cell activation, receptors of Neisseria species and other bacteria.**Applications:** IHC-P
IHC-F
IF
ICC/IF**Reactivity:** Human**Predicted
MW.:** 71 kDa**Subcellular
Location:** Cell membrane**VALIDATION IMAGES**

Paraformaldehyde-fixed, paraffin embedded (human pancreatic cancer); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30min; Antibody incubation with (CEA) Monoclonal Antibody, Unconjugated (BH0027) overnight at 4°C, followed by operating according to SP Kit(Mouse)(sp-0024) instructions and DAB staining.



Paraformaldehyde-fixed, paraffin embedded (human gastric carcinoma); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30min; Antibody incubation with (CEA) Monoclonal Antibody, Unconjugated (BH0027) overnight at 4°C, followed by operating according to SP Kit(Mouse)(sp-0024) instructions and DAB staining.