



CEAM6 Polyclonal Antibody

Catalog No	YP-Ab-10827
Isotype	IgG
Reactivity	Human;Rat;Mouse;
Applications	IHC;IF;WB
Gene Name	CEACAM6 NCA
Immunogen	Synthesized peptide derived from human CEAM6
Specificity	This antibody detects endogenous levels of human CEAM6
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source	Polyclonal, Rabbit,IgG
Purification	The antibody was affinity-purified from rabbit serum by affinity-chromatography using specific immunogen.
Dilution	IHC-p 1:50-200, WB 1:500-2000. IF 1:50-200
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	CD66c;CEACAM6 NCA;CEAM6;Carcinoembryonic antigen-related cell adhesion molecule 6 (Non-specific crossreacting antigen;Normal cross-reacting antigen;CD antigen CD66c)
Observed Band	37kD
Calculated Molecular Weight	37kD
Cell Pathway	Cell membrane; Lipid-anchor, GPI-anchor . Apical cell membrane . Cell surface . Localized to the apical glycocalyx surface. .
Tissue Specificity	Expressed in neutrophils (PubMed:1378450). Expressed in columnar epithelial and goblet cells of the colon (PubMed:10436421). Expressed in numerous tumor cell lines (at protein level) (PubMed:16204051).
Function	similarity:Belongs to the immunoglobulin superfamily. CEA family., similarity:Contains 1 Ig-like V-type (immunoglobulin-like) domain., similarity:Contains 2 Ig-like C2-type (immunoglobulin-like) domains.,
Background	This gene encodes a protein that belongs to the carcinoembryonic antigen (CEA) family whose members are glycosyl phosphatidyl inositol (GPI) anchored cell surface glycoproteins. Members of this family play a role in cell adhesion and are widely used as tumor markers in serum immunoassay determinations of



carcinoma. This gene affects the sensitivity of tumor cells to adenovirus infection. The protein encoded by this gene acts as a receptor for adherent-invasive E. coli adhesion to the surface of ileal epithelial cells in patients with Crohn's disease. This gene is clustered with genes and pseudogenes of the cell adhesion molecules subgroup of the CEA family on chromosome 19. [provided by RefSeq, Apr 2014],

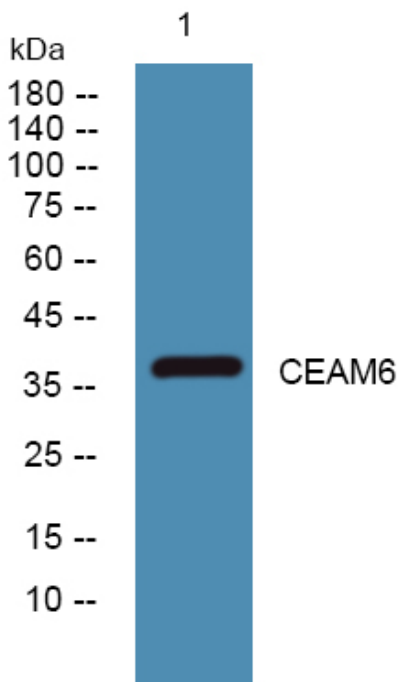
matters needing attention

Avoid repeated freezing and thawing!

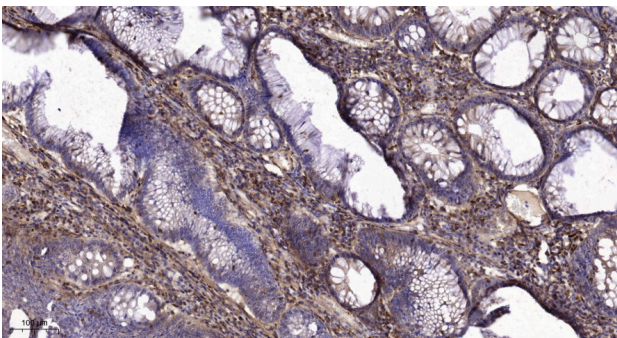
Usage suggestions

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

Products Images



Western blot analysis of lysates from HCT116 cells, primary antibody was diluted at 1:1000, 4° over night



Immunohistochemical analysis of paraffin-embedded human colon cancer. 1, Tris-EDTA, pH 9.0 was used for antigen retrieval. 2 Antibody was diluted at 1:200 (4° overnight). 3, Secondary antibody was diluted at 1:200 (room temperature, 45 min).