

A Reliable Research Partner in Life Science and Medicine

Recombinant CEACAM6 Monoclonal Antibody

catalog number: AN302030L

Note: Centrifuge before opening to ensure complete recovery of vial contents.

Description

Reactivity Human; Rat; Mouse

Immunogen Peptide. This information is proprietary to PTMab.

HostRabbitIsotypeIgG, κ CloneA750

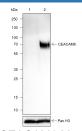
Purification Protein Apurified

Buffer PBS, 50% glycerol, 0.05% Proclin 300, 0.05% protein protectant.

Applications Recommended Dilution

WB 1:1000 **IHC** 1:200

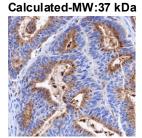
Data



Western Blot with CEACAM6 Monoclonal Antibody at dilution of 1:1000. Lane 1: LNCaP (negative control), Lane 2: A549

Immunohistochemistry of paraffin-embedded Human spleen using CEACAM6 Monoclonal Antibody at dilution of 1:200.

Observed-MW:40-100 kDa



Immunohistochemistry of paraffin-embedded Human colon cancer using CEACAM6 Monoclonal Antibody at dilution of 1:200.

Preparation & Storage

Storage Store at -20°C Valid for 12 months. Avoid freeze / thaw cycles.

Shipping lce bag

Background

For Research Use Only

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Carcinoembryonic antigen (CEA)-related cell adhesion molecule 6 (CEACAM6) is a member of the CEA-related cell adhesion molecule (CEACAM) family. CEACAMs bind to themselves and other family members to carry out numerous cellular functions, including proliferation, signaling, differentiation, tumor suppression, and survival. CEACAM6 is a single-chain, glycosylphosphatidylinositol (GPI)-anchored, highly glycosylated protein that is normally expressed on epithelial cells and granulocytes. CEACAM6 mediates homophilic and heterophilic cell adhesion with other CEA-related cell adhesion molecules, such as CEACAM5 and CEACAM8. Heterophilic interaction with CEACAM8 occurs in activated neutrophils, and plays a role in neutrophil adhesion to cytokine-activated endothelial cells. High levels of CEACAM6 expression are also observed in several different cancers. In cancer, CEACAM6 promotes tumor progression, migration, invasion, and metastasis, and therefore is considered a target for therapeutic intervention.

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