

Product datasheet for TA373036S

CEACAM1 Rabbit Polyclonal Antibody

Product data:

Product Type: Primary Antibodies

Applications: WB

Recommended Dilution: WB: 500-2000

WB positive control: A549 cell lysate

Reactivity: Human
Host: Rabbit
Isotype: IgG

Clonality: Polyclonal

Immunogen:Synthetic peptide of human CEACAM1Formulation:pH7.4 PBS, 0.05% NaN3, 40% Glycerol

Concentration: lot specific

Purification: Antigen affinity purification

Conjugation: Unconjugated Storage: Store at -20°C.

Stability: 1 year Predicted Protein Size: 58 kDa

Gene Name: carcinoembryonic antigen related cell adhesion molecule 1

Database Link: Entrez Gene 634 Human

P13688



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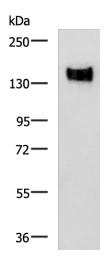
Background:

This gene encodes a member of the carcinoembryonic antigen (CEA) gene family, which belongs to the immunoglobulin superfamily. Two subgroups of the CEA family, the CEA cell adhesion molecules and the pregnancy-specific glycoproteins, are located within a 1.2 Mb cluster on the long arm of chromosome 19. Eleven pseudogenes of the CEA cell adhesion molecule subgroup are also found in the cluster. The encoded protein was originally described in bile ducts of liver as biliary glycoprotein. Subsequently, it was found to be a cell-cell adhesion molecule detected on leukocytes, epithelia, and endothelia. The encoded protein mediates cell adhesion via homophilic as well as heterophilic binding to other proteins of the subgroup. Multiple cellular activities have been attributed to the encoded protein, including roles in the differentiation and arrangement of tissue three-dimensional structure, angiogenesis, apoptosis, tumor suppression, metastasis, and the modulation of innate and adaptive immune responses. Multiple transcript variants encoding different isoforms have been reported, but the full-length nature of all variants has not been defined.

Synonyms:

BGP; BGP-1; BGP1; BGP1; CD66a

Product images:



Gel: 6%SDS-PAGE Lysate: 40 µg Lane: A549 cell lysate

Primary antibody: [TA373036] (CEACAM1

Antibody) at dilution 1/500

Secondary antibody: Goat anti rabbit IgG at

1/5000 dilution

Exposure time: 1 minute