



A Reliable Research Partner in Life Science and Medicine

CEACAM1 Polyclonal Antibody

catalog number: D-AB-10227L

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

Description

Reactivity Human

Immunogen Recombinant Rat CEACAM-1 protein expressed by E.coli

Host Rabbit Isotype IgG

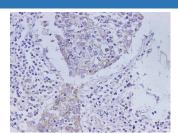
Purification Antigen Affinity Purification

Buffer PBS with 0.05% Proclin300, 1% protective protein and 50% glycerol, pH7.4

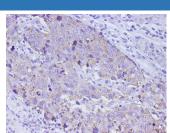
Applications Recommended Dilution

IHC 1:500-1:1000

Data



Immunohistochemistry of paraffin-embedded Human lung cancer using CEACAM-1 Polyclonal Antibody at dilution of 1:1000



Immunohistochemistry of paraffin-embedded Human stomach cancer using CEACAM-1 Polyclonal Antibody at dilution of 1:1000

Preparation & Storage

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

Shipping The product is shipped with ice pack, upon receipt, store it immediately at the

temperature recommended.

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.