

Product Information

MemDX™ Membrane Protein Human CEACAM6 (CEA cell adhesion molecule 6) for Antibody

Discovery

Cat. No.: **MP0211X**

This product is for research use only and is not intended for diagnostic use.

This product is a 63.47 kDa Human CEACAM6 membrane protein expressed in *in vitro* wheat germ expression system. The protein is for research use only and is not approved for use in humans or in clinical diagnosis.

Product Specifications

Host Species

Human

Target Protein

CEACAM6

Protein Length

Full-length

Molecular Weight

63.47 kDa

Sequence

MGPPSAPPCRLHVPWKEVLLTASLLTFWNPPTAKLTIESTPFNVAEGKEVLLLAHNLPQNRIGYSWYKGERVDGNSLIVGYVIGTQ

Product Description

Application

Enzyme-linked Immunoabsorbent Assay, Western Blot (Recombinant protein), Antibody Production, Protein Array

Expression Systems

in vitro wheat germ expression system

Tag

GST-tag at N-terminal

Form

Liquid

Purification

Glutathione Sepharose 4 Fast Flow

Buffer

50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer

Storage

Store at +4°C for up to one week or several months at -80°C

Target

Target Protein

CEACAM6

Full Name

CEA cell adhesion molecule 6

Introduction

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

Alternative Names

CD66c; CEAL; NCA

Gene ID

[4680](#)

UniProt ID

[P40199](#)