

Product Information

Recombinant Anti-Human CEA Antibody Fab Fragment

Cat. No.: **MOM-H03-F(P)**

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

Product Overview

Recombinant Mouse Antibody Fab Fragment specifically binds to Human CEA, expressed in E. coli

Target

CEA

Source

Mouse

Species Reactivity

Human

Type

Mouse Fab-IgG

Expression Host

E. coli

Purity

>95.0% as determined by analysis by RP-HPLC.

Purification

Purified by Nickel ion affinity chromatography

Applications

Suitable for use in FC, IP, ELISA, Neut, FuncS, IF and most other immunological methods.

Storage

Store at -20°C. Avoid multiple freeze/thaw cycles.

BACKGROUND

Introduction

Carcinoembryonic antigen (CEA) is a glycoprotein involved in cell adhesion. It is normally produced during fetal development, but the production of CEA stops before birth. Therefore, it is not usually present in the blood of healthy adults, although levels are raised in heavy smokers. CEA is a glycosyl phosphatidyl inositol (GPI)-cell surface anchored glycoprotein whose specialized sialofucosylated glycoforms serve as functional colon carcinoma L-selectin and E-selectin ligands, which may be critical to the metastatic dissemination of colon carcinoma cells.

Keywords

CEACAM1; carcinoembryonic antigen-related cell adhesion molecule 1 (biliary glycoprotein); BGP; BGP1; BGPI; antigen CD66; CD66a antigen; CEACAM3; carcinoembryonic antigen-related cell adhesion molecule 3; CEA; CGM1;

Carcinoembryonic antigen