

Product Information

Recombinant Anti-Human CEA Antibody

Cat. No.: **MOM-H03**

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

Product Overview

Recombinant Mouse Antibody specifically binds to Human CEA, expressed in HEK293

Target

CEA

Source

Mouse

Species Reactivity

Human

Type

Mouse IgG

Expression Host

HEK293

Purity

>95.0%. Determined by analysis by RP-HPLC & analysis by SDS-PAGE.

Purification

Purified by protein-A affinity chromatography.

Applications

Suitable for use in ELISA, FC, IP, FuncS, IF, Neut, WB 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