

Product Information

Recombinant Anti-Human EPCAM Antibody Fab Fragment

Cat. No.: **MOM-18106-F(E)**

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

Product Overview

Recombinant Human Antibody Fab Fragment specifically binds to Human EpCAM, expressed in Chinese Hamster Ovary cells(CHO)

Antigen Description

May act as a physical homophilic interaction molecule between intestinal epithelial cells (IECs) and intraepithelial lymphocytes (IELs) at the mucosal epithelium for providing immunological barrier as a first line of defense against mucosal infection. Plays a role in embryonic stem cells proliferation and differentiation. Up-regulates the expression of FABP5, MYC and cyclins A and E.

Specific Activity

Tested positive against native antigen.

Target

EpCAM

Source

Human

Species Reactivity

Human

Type

Fab Fragment based on Human IgG1

Expression Host

CHO

Predicted N terminal

H chain: EVQLLES; L Chain: ELQMTQS

Purity

Purity >95% by SDS-PAGE.

Applications

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

Storage

Store at -20°C for long-term storage. Store at 2-8°C for up to one month. Avoid freeze/thaw cycles.

ANTIGEN GENE INFORMATION

Gene Name

[EPCAM epithelial cell adhesion molecule \[Homo sapiens \]](#)

Official Symbol

EPCAM

Synonyms

EPCAM; epithelial cell adhesion molecule; antigen identified by monoclonal AUA1 , M4S1, MIC18, TACSTD1, tumor associated calcium signal transducer 1; 17 1A; 323/A3; CD326; CO 17A; EGP 2; EGP34; EGP40; Ep CAM; ESA; GA733 2; HEA125; KS1/4; KSA; Ly74; MH99; MK 1; MOC31; TACST 1; TROP1; epithelial glycoprotein 314; human epithelial glycoprotein-2; cell surface glycoprotein Trop-1; adenocarcinoma-associated antigen; tumor-associated calcium signal transducer 1; major gastrointestinal tumor-associated protein GA733-2; membrane component, chromosome 4, surface marker (35kD glycoprotein); M4S1; MK-1; DIAR5; EGP-2; MIC18; EGP314; HNPCC8; TACSTD1; GA733-2;

Gene ID

[4072](#)

mRNA Refseq

[NM_002354](#)

Protein Refseq

[NP_002345](#)

MIM

[185535](#)

UniProt ID

P16422

Chromosome Location

2p21

Function

protein binding;