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Product Information

Recombinant Anti-Human FAP Antibody Fab Fragment

Cat. No.: **MOM-18211-F(E)**
This product is for research use only and is not intended for diagnostic use.

Product Overview

Recombinant Humanized (from mouse) Antibody Fab Fragment is directed against Human FAP, expressed in Chinese Hamster Ovary cells(CHO)

Antigen Description

In association with DPP4 is involved in the pericellular proteolysis of the extracellular matrix (ECM), the migration and invasion of endothelial cells into the ECM. May have a role in tissue remodeling during development and wound healing, and may contribute to invasiveness in malignant cancers.

Specific Activity

Tested positive against native antigen.

Target

FAP

Immunogen

A synthetic peptide derived from human Fibroblast activation protein, alpha.

Source

Humanized (from mouse)

Species Reactivity

Human

Type

Fab Fragment based on Humanized (from mouse) IgG1 - kappa

Expression Host

CHO

Purity

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

Applications

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

Storage

At -20°C for one year.

ANTIGEN GENE INFOMATION

Gene Name

FAP fibroblast activation protein, alpha [Homo sapiens]

Official Symbol

FAP

Synonyms

FAP; fibroblast activation protein, alpha; seprase; DPPIV; integral membrane serine protease; 170 kDa melanoma membrane-bound gelatinase; FAPA; DKFZp686G13158;

Gene ID

2191

mRNA Refseq

NM_004460

Protein Refseq

NP_004451

MIM

600403

UniProt ID

Q12884

Chromosome Location

2q23

Function

dipeptidyl-peptidase activity; endopeptidase activity; metalloendopeptidase activity; peptidase activity; protease binding; protein binding; protein dimerization activity; protein homodimerization activity; serine-type endopeptidase activity; serine-type peptidase activity; contributes_to serine-type peptidase activity; serine-type peptidase activity;

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