

# Product Information

## **MemDX™ Antibody Discovery - Human FAP (26-760) Membrane Protein, Partial, hlgG1 Fc tag- , [FITC]**

Cat. No.: **MP0062F**

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

This membrane protein is Human FAP (26-760). It has been tested in SDS-PAGE, ELISA. We provide this protein to facilitate your membrane protein antibody discovery and development.

### Product Specifications

#### Host Species

Human

#### Target Protein

FAP

#### Protein Length

ECD

#### Molecular Weight

The protein has a calculated MW of 111.5 kDa. The protein migrates as 115-125 kDa under reducing (R) condition (SDS-PAGE) due to glycosylation.

#### Sequence

AA Leu 26 - Asp 760 (Accession # Q12884-1). .

### Product Description

#### Activity

Yes

#### Application

SDS-PAGE, ELISA

#### Expression Systems

HEK293

#### Tag

Human IgG1 Fc tag at the N-terminus

#### Protein Format

Soluble

#### Form

LYOPH

### Reconstitution

Please see Certificate of Analysis for specific instructions.

### Conjugation

FITC

### Buffer

Please contact us for detailed information.

Contact us for customized product form or formulation.

### Storage

Stored at lyophilized form at -20°C or lower. Avoid repeated freeze-thaw cycles.

The antigen can be stable for 12 months in lyophilized form after storage at -20°C to -80°C, 3 months under sterile conditions after reconstitution after storage at -80°C.

## Target

### Target Protein

FAP

### Full Name

fibroblast activation protein alpha

### Introduction

The protein encoded by this gene is a homodimeric integral membrane gelatinase belonging to the serine protease family. It is selectively expressed in reactive stromal fibroblasts of epithelial cancers, granulation tissue of healing wounds, and malignant cells of bone and soft tissue sarcomas. This protein is thought to be involved in the control of fibroblast growth or epithelial-mesenchymal interactions during development, tissue repair, and epithelial carcinogenesis. Alternatively spliced transcript variants encoding different isoforms have been found for this gene

### Alternative Names

FAPA; SIMP; DPPIV; FAPalpha; prolyl endopeptidase FAP; 170 kDa melanoma membrane-bound gelatinase; dipeptidyl peptidase FAP; gelatine degradation protease FAP; integral membrane serine protease; post-proline cleaving enzyme; seprase; surface-expressed protease

### Gene ID

[2191](#)

### UniProt ID

[Q12884](#)