

Product Information

Recombinant Anti-Human entpd1 Antibody Fab Fragment

Cat. No.: **MOM-18313-F(P)**

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

Product Overview

Recombinant Mouse Antibody Fab Fragment is against Human ENTPD1, expressed in E. coli

Antigen Description

In the nervous system, could hydrolyze ATP and other nucleotides to regulate purinergic neurotransmission. Could also be implicated in the prevention of platelet aggregation. Hydrolyzes ATP and ADP equally well.

Specific Activity

Tested positive against native antigen.

Target

ENTPD1

Immunogen

EBV-transformed human B lymphoblastoid cell line.

Source

Mouse

Species Reactivity

Human

Type

Fab

Expression Host

E. coli

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

4°C. For long term storage, aliquot and store at -20°C. Repeated thawing and freezing must be avoided.

ANTIGEN GENE INFORMATION

Gene Name

[ENTPD1 ectonucleoside triphosphate diphosphohydrolase 1 \[Homo sapiens \]](#)

Official Symbol

ENTPD1

Synonyms

ENTPD1; ectonucleoside triphosphate diphosphohydrolase 1; CD39; ATPDase; NTPDase 1; CD39 antigen; ecto-apyrase; ecto-ATPase 1; ecto-ATPDase 1; ecto-ATP diphosphohydrolase 1; lymphoid cell activation antigen; NTPDase-1; FLJ40921; FLJ40959; DKFZp686D194; DKFZp686I093

Gene ID

[953](#)

mRNA Refseq

[NM_001098175](#)

Protein Refseq

[NP_001091645](#)

MIM

[601752](#)

UniProt ID

P49961

Chromosome Location

10q23.1-q24.1

Pathway

Purine metabolism, organism-specific biosystem; Purine metabolism, conserved biosystem; Pyrimidine metabolism, organism-specific biosystem; Pyrimidine metabolism, conserved biosystem;

Function

ATP binding; hydrolase activity; nucleoside-diphosphatase activity; nucleoside-triphosphatase activity; nucleotide binding;