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Product Information

Recombinant Anti-Human entpd1 Antibody Fab Fragment

Cat. No.: **MOM-18313-F(E)**
This product is for research use only and is not intended for diagnostic use.

Product Overview

Recombinant Mouse Antibody Fab Fragment is directed against Human ENTPD1, expressed in Chinese Hamster Ovary cells(CHO)

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

CHO

Purity

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

Applications

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

Storage

Store at 4°C for up to 3 months. For longer term storage aliquot into small volumes and store at -20°C.

ANTIGEN GENE INFOMATION

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;