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Product Information

Recombinant Anti-Human CD3E Antibody Fab Fragment

Cat. No.: **MOM-H28-F(E)**
This product is for research use only and is not intended for diagnostic use.

Product Overview

Recombinant Rat Antibody Fab Fragment is specific for Human CD3E, expressed in HEK293

Antigen Description

CD3e molecule, epsilon also known as CD3E is a polypeptide which in humans is encoded by the CD3E gene which resides on chromosome 11.

Specific Activity

CD3E (CD3 epsilon) [Homo sapiens]

Target

CD3E

Source

Rat

Species Reactivity

Human

Type

Rat Fab-IgG2a / G2b

Expression Host

HEK293

Purity

>95%, by SDS-PAGE with silver staining, under reducing conditions.

Purification

Purified by Nickel ion affinity chromatography

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 INFOMATION

Gene Name

CD3E CD3e molecule, epsilon (CD3-TCR complex) [Homo sapiens]

Official Symbol

CD3E

Synonyms

CD3E; CD3e molecule, epsilon (CD3-TCR complex); CD3e antigen, epsilon polypeptide (TiT3 complex); T-cell surface glycoprotein CD3 epsilon chain; CD3-epsilon; T-cell surface antigen T3/Leu-4 epsilon chain; T-cell antigen receptor complex, epsilon subunit of T3; T3E; TCRE; FLJ18683;

Gene ID

916

mRNA Refseq

NM_000733

Protein Refseq

NP_000724

UniProt ID

P07766

Chromosome Location

11q23

Pathway

Adaptive Immune System, organism-specific biosystem; CXCR4-mediated signaling events, organism-specific biosystem; Chagas disease (American trypanosomiasis), organism-specific biosystem; Chagas disease (American trypanosomiasis), conserved biosystem; Costimulation by the CD28 family, organism-specific biosystem; Downstream TCR signaling, organism-specific biosystem; Downstream signaling in naive CD8+ T cells, organism-specific biosystem;

Function

SH3 domain binding; T cell receptor binding; protein heterodimerization activity; protein kinase binding; receptor activity; receptor signaling complex scaffold activity; receptor signaling protein activity; transmembrane signaling receptor activity;

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