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Product Information

Recombinant Anti-Human CD19 Antibody Fab Fragment

Cat. No.: **MOM-H15-F(E)**
This product is for research use only and is not intended for diagnostic use.

Product Overview

Recombinant Chimeric Antibody Fab Fragment is bind to Human CD19, expressed in HEK293

Antigen Description

B-lymphocyte antigen CD19 also known as CD19 (Cluster of Differentiation 19), is a protein that in humans is encoded by the CD19 gene. It is found on the surface of B-cells, a type of white blood cell.

Specific Activity

CD19 (B lymphocyte surface antigen B4, Leu-12) [Homo sapiens]

Target

CD19

Source

Chimeric

Species Reactivity

Human

Type

Chimeric Fab-IgG1 - kappa

Expression Host

HEK293

Purity

>95.0% as determined by Analysis by RP-HPLC & analysis by SDS-PAGE.

Purification

Purified by Nickel ion affinity chromatography

Applications

Suitable for use in ELISA, WB, Neut and most other immunological methods.

Cellular Localization

kappa

Storage

Store it under sterile conditions at -20°C upon receiving. Recommend to pack the protein into smaller quantities for optimal storage.

ANTIGEN GENE INFOMATION

Gene Name

CD19 CD19 molecule [Homo sapiens]

Official Symbol

CD19

Synonyms

CD19; CD19 molecule; CD19 antigen; B-lymphocyte antigen CD19; differentiation antigen CD19; T-cell surface antigen Leu-12; B-lymphocyte surface antigen B4; B4; CVID3; MGC12802;

Gene ID

930

mRNA Refseq

NM_001178098

Protein Refseq

NP_001171569

MIM

107265

UniProt ID

P15391

Chromosome Location

16p11.2

Pathway

Adaptive Immune System, organism-specific biosystem; Antigen Activates B Cell Receptor Leading to Generation of Second Messengers, organism-specific biosystem; B Cell Receptor Signaling Pathway, organism-specific biosystem; B cell receptor signaling pathway, organism-specific biosystem; B cell receptor signaling pathway, conserved biosystem; BCR signaling pathway, organism-specific biosystem; Hematopoietic cell lineage, organism-specific biosystem;

Function

receptor signaling protein activity;

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