

Product Information

Recombinant Anti-Human CD19 Antibody

Cat. No.: **MOM-H17**

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

Product Overview

Recombinant Humanized Antibody 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

Humanized

Species Reactivity

Human

Type

Humanized IgG1 - kappa

Expression Host

HEK293

Purity

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

Purification

Protein A affinity purified from an animal origin - free culture supernatant

Applications

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

Cellular Localization

kappa

Storage

Store at -20°C for long-term storage. Store at 2-8°C for up to one month. Avoid freeze/thaw cycles.

ANTIGEN GENE INFORMATION

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;