SUITE 203, 17 Ramsey Road, Shirley, NY 11967, USA
Tel: 1-631-416-1478 Fax: 1-631-207-8356
Email: info@creative-biolabs.com
www.creative-biolabs.com

Product Information

Recombinant Human Anti-Human CD1d Monoclonal Antibody

Cat. No.: **HOM-19247**
This product is for research use only and is not intended for diagnostic use.

Product Overview

Recombinant humanized antibody expressed in CHO binding to human CD1d.

Antigen Description

CD1D is a human gene which encodes the protein CD1d, a member of the CD1 (cluster of differentiation 1) family of glycoproteins expressed on the surface of various human antigen-presenting cells. They are non-classical MHC proteins, related to the class I MHC proteins, and are involved in the presentation of lipid antigens to T cells. CD1d is the only member of the group 2 CD1 molecules.

Target

CD1d

Species Reactivity

Human

Type

Human IgG

Expression Host

CHO

Clone

Monoclonal

Purity

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

Applications

ELISA, WB, IHC, FCM, IP, IF. Optimal dilutions/concentrations should be determined by the end user.

Molecular Weight

145.41 kDa

Stability

Samples are stable for up to twelve months from date of receipt at - 20°C and are stable for six months at 4 °C.

Storage

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

Ship

2-8°C, BLUE ICE

ANTIGEN GENE INFOMATION

Gene Name

CD1D CD1d molecule [Homo sapiens]

Official Symbol

CD1d

Synonyms

CD1D; CD1d molecule; CD1d antigen , CD1D antigen, d polypeptide; antigen-presenting glycoprotein CD1d; R3G1; thymocyte antigen CD1D; CD1D antigen, d polypeptide; T-cell surface glycoprotein CD1d; differentiation antigen CD1-alpha-3; HMC class I antigen-like glycoprotein CD1D; R3; CD1A; MGC34622;

Gene ID

912

mRNA Refseq

NM_001766

Protein Refseq

NP_001757

MIM

188410

UniProt ID

P15813

Chromosome Location

1q22-q23

Pathway

Amoebiasis, organism-specific biosystem; Amoebiasis, conserved biosystem; Hematopoietic cell lineage, organism-specific biosystem; Hematopoietic cell lineage, conserved biosystem;

Function

beta-2-microglobulin binding; cell adhesion molecule binding; eukaryotic cell surface binding; exogenous lipid antigen binding; histone binding; lipid antigen binding; receptor activity;

SUITE 203, 17 Ramsey Road, Shirley, NY 11967, USA
Tel: 1-631-416-1478 Fax: 1-631-207-8356
Email: info@creative-biolabs.com