

T 淋巴细胞 CD1D 抗体

产品货号： mIR23491

英文名称： CD1d

中文名称： T 淋巴细胞 CD1D 抗体

别名： Antigen-presenting glycoprotein CD1d; CD1.1; CD1d; CD1D antigen; CD1D antigen d polypeptide; CD1d molecule; CD1D_HUMAN; Cd1d1; differentiation antigen CD1 alpha 3; HMC class I antigen like glycoprotein CD1D; Ly 38; MGC34622; R3; R3G1; T cell surface glycoprotein CD1d; Thymocyte antigen CD1D.

研究领域： 肿瘤 免疫学 信号转导 转录调节因子 细胞表面分子 t-淋巴细胞

抗体来源： Rabbit

克隆类型： Polyclonal

交叉反应： Human,

产品应用： ELISA=1:500-1000 IHC-P=1:400-800 IHC-F=1:400-800 Flow-Cyt=1ug/Test （石蜡切片需做抗原修复）

not yet tested in other applications.

optimal dilutions/concentrations should be determined by the end user.

分 子 量 : 36kDa

细胞定位 : 细胞浆 细胞膜 细胞外基质

性 状 : Lyophilized or Liquid

浓 度 : 1mg/ml

免 疫 原 : KLH conjugated synthetic peptide derived from human CD1d :101-200/335 <Extracellular>

亚 型 : IgG

纯化方法 : affinity purified by Protein A

储 存 液 : 0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.

保存条件 : Store at -20 ° C for one year. Avoid repeated freeze/thaw cycles. The lyophilized antibody is stable at room temperature for at least one month and for greater than a year when kept at -20° C. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 ° C.

PubMed : PubMed

产品介绍： This gene encodes a divergent member of the CD1 family of transmembrane glycoproteins, which are structurally related to the major histocompatibility complex (MHC) proteins and form heterodimers with beta-2-microglobulin. The CD1 proteins mediate the presentation of primarily lipid and glycolipid antigens of self or microbial origin to T cells. The human genome contains five CD1 family genes organized in a cluster on chromosome 1. The CD1 family members are thought to differ in their cellular localization and specificity for particular lipid ligands. The protein encoded by this gene localizes to late endosomes and lysosomes via a tyrosine-based motif in the cytoplasmic tail. Two transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Jan 2016]

Function:

Antigen-presenting protein that binds self and non-self glycolipids and presents them to T-cell receptors on natural killer T-cells.

Subunit:

Heterodimer with B2M (beta-2-microglobulin). Interacts with MHC II.

Subcellular Location:

Cell membrane, Single-pass type I membrane protein. Basolateral cell membrane; Single-pass type I membrane protein. Endosome membrane; Single-pass type I membrane protein. Lysosome membrane; Single-pass type I membrane protein. Endoplasmic reticulum membrane; Single-pass type I membrane protein. Note=Subject to intracellular trafficking between the cell membrane, endosomes and lysosomes.

Tissue Specificity:

Expressed on cortical thymocytes, on certain T-cell leukemias, and in various other tissues.

Similarity:

Contains 1 Ig-like (immunoglobulin-like) domain

SWISS:

P15813

Gene ID:

912

Important Note:

This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.

产品图片

