

## T 细胞表面糖蛋白 **CD1E** 抗体

产品货号： mIR23497

英文名称： CD1E

中文名称： T 细胞表面糖蛋白 CD1E 抗体

别 名： CD\_antigen=CD1e; CD1e; CD1e antigen; CD1E antigen; CD1e molecule; CD1E\_HUMAN; Differentiation antigen CD1-alpha-3; hCD1e; Leukocyte differentiation antigen; R2; R2G1; sCD1e; soluble; T-cell surface glycoprotein CD1e.

研究领域： 免疫学

抗体来源： Rabbit

克隆类型： Polyclonal

交叉反应： Human,

产品应用： ELISA=1:500-1000 Flow-Cyt=1ug/Test

not yet tested in other applications.

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

分子量： 42kDa

细胞定位： 细胞浆

性 状： Lyophilized or Liquid

浓 度： 1mg/ml

免 疫 原： KLH conjugated synthetic peptide derived from human CD1E:81-180/388

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 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 within Golgi compartments, endosomes, and lysosomes, and is cleaved into a stable soluble form. The soluble form is required for the intracellular processing of some glycolipids into a form that can be presented by other CD1 family members. Many alternatively spliced transcript variants encoding different isoforms have been described. Additional transcript variants have been found; however, their biological validity has not been determined. [provided by RefSeq, Jun 2010]

**Function:**

T-cell surface glycoprotein CD1e, soluble binds diacylated lipids, including phosphatidyl inositides and diacylated sulfoglycolipids, and is required for the presentation of glycolipid antigens on the cell surface. The membrane-associated form is not active.

**Subcellular Location:**

Lysosome lumen and Golgi apparatus membrane. Early endosome. Late endosome. Predominantly localized in the trans-Golgi network in immature dendritic cells, and as a cleaved, soluble protein in the lysosome lumen of mature dendritic cells.

**Tissue Specificity:**

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

**Post-translational modifications:**

Mono-ubiquitinated. Proteolytically cleaved in late endosomes to yield a soluble form.

**Similarity:**

Contains 1 Ig-like (immunoglobulin-like) domain.

**SWISS:**

P15812

**Gene ID:**

913

**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

