

程序性死亡配体 2 抗体

产品货号： mlR1868

英文名称： B7-DC

中文名称： 程序性死亡配体 2 抗体

别名： PD L2; B7 dendritic cell molecule; B7-DC; B7DC; bA574F11.2; Btdc; Butyrophilin B7 DC; Butyrophilin B7-DC; Butyrophilin B7DC; CD 273; CD273; CD273 antigen; MGC142238; MGC142240; PD 1 ligand 2; PD-1 ligand 2; PD-L2; PD1 ligand 2; PD1L2_HUMAN; PDCD 1 ligand 2; PDCD1 ligand 2; PDCD1L2; Pdcd1lg2; PDL 2; PDL2; Programmed cell death 1 ligand 2; Programmed death ligand 2.

研究领域： 细胞生物 免疫学

抗体来源： Rabbit

克隆类型： Polyclonal

交叉反应： Human, Mouse, Rat, Cow,

产品应用： ELISA=1:500-1000

not yet tested in other applications.

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

分子量： 29kDa

细胞定位： 细胞膜 分泌型蛋白

性状： Lyophilized or Liquid

浓度： 1mg/ml

免疫原： KLH conjugated synthetic peptide derived from human B7-DC:41-150/273

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 : B7DC is a 33kDa member of the immunoglobulin receptor superfamily expressed on DC, liver and a small subset of macrophages as well as a few transformed cell lines. B7DC has been reported to be stimulatory on dendritic cells when cross linked and to inhibit T cell activation upon engaging the PD1 receptor. B7DC has also been reported to bind to an alternative receptor and to mediate T cell activation through non PD1 mediated interactions.

Function:

Involved in the costimulatory signal, essential for T-cell proliferation and IFNG production in a PDCD1-independent manner. Interaction with PDCD1 inhibits T-cell proliferation by blocking cell cycle progression and cytokine production (By similarity).

Subunit:

Interacts with PDCD1.

Subcellular Location:

Isoform 3: Secreted (Probable).

Isoform 2: Endomembrane system; Single-pass type I membrane protein.

Isoform 1: Cell membrane; Single-pass type I membrane protein.

Tissue Specificity:

Highly expressed in heart, placenta, pancreas, lung and liver and weakly expressed in spleen, lymph nodes and thymus.

Similarity:

Belongs to the immunoglobulin superfamily. BTN/MOG family.

Contains 1 Ig-like C2-type (immunoglobulin-like) domain.

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

SWISS:

Q9BQ51

Gene ID:

80380

Important Note:

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

结合受体 PD-1 (CD279)，抑制 T 细胞增殖和细胞因子产生