

刺激分子 B7-1 蛋白抗体

产品货号： mlR23295

英文名称： B7-1/CD80

中文名称： 刺激分子 B7-1 蛋白抗体

别名： Activation B7-1 antigen; B lymphocyte activation antigen B7; B7; B7-1; B7-1 antigen; BB1; CD28 antigen ligand 1; CD28LG; CD28LG1; CD80; CD80 antigen (CD28 antigen ligand 1, B7-1 antigen); CD80 antigen; CD80 molecule; CD80_MOUSE; Costimulatory factor CD80; costimulatory molecule variant IgV-CD80; CTLA-4 counter-receptor B7.1; LAB7; T-lymphocyte activation antigen CD80.

研究领域： 肿瘤 免疫学 干细胞 b-淋巴细胞

抗体来源： Rabbit

克隆类型： Polyclonal

交叉反应： Mouse, Rat,

产品应用： WB=1:500-2000

not yet tested in other applications.

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

分子量：32kDa

细胞定：细胞膜

性状：Lyophilized or Liquid

浓度：1mg/ml

免疫原：KLH conjugated synthetic peptide derived from mouse B7-1/CD80:151-250/306 <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 : CD80 is a member of the Ig superfamily and serves as the ligand for two T cell molecules, CD28 and CTLA4. Interactions between CD28 and CD80 on activated B cells result in enhanced T cell activation. CD80 is rapidly induced on the surface of in vitro activated B cells, Epstein Barr Virus (EBV) transformed B cell lines, Burkitts lymphoma cell lines, freshly isolated follicular B lymphoma cells, T cells, and monocytes. It is also expressed at high levels in dendritic cells. It reacts weakly with a small proportion of non activated normal B cells and with HTLV1 infected T cells. CD80 does not react with peripheral monocytes, resting and activated normal T cells, T cell lines and T cell clones, nor with myelomonocytic cell lines.

Function:

Involved in the costimulatory signal essential for T-lymphocyte activation. T-cell proliferation and cytokine production is induced by the binding of CD28 or CTLA-4 to this receptor.

Subcellular Location:

Membrane.

Tissue Specificity:

Expressed on activated B-cells, macrophages and dendritic cells.

Similarity:

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

SWISS:

Q00609

Gene ID:

12519

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

