

CD83 抗体

产品货号： mlR2519

英文名称： CD83

中文名称： CD83 抗体

别名： B cell activation 45kDa cell surface glycoprotein Ig superfamily; B cell activation protein; BL11; BL11 PEN; CD83 molecule; Cell surface protein HB15; HB15; MGC130312; MGC130313; Cell surface protein HB15; CD83_HUMAN.

研究领域： 免疫学 细胞膜受体 t-淋巴细胞 b-淋巴细胞

抗体来源： Rabbit

克隆类型： Polyclonal

交叉反应： Human, Mouse, Rat,

产品应用： WB=1:500-2000 ELISA=1:500-1000

not yet tested in other applications.

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

分子量： 21kDa

细胞定位： 细胞膜

性状： Lyophilized or Liquid

浓度： 1mg/ml

免疫原： KLH conjugated synthetic peptide derived from human CD83:121-196/196 <Cytoplasmic>

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 : The CD83 antigen is a 186 amino acid single chain glycoprotein. This molecule is a member of the immunoglobulin superfamily and is composed of an extracellular V type immunoglobulin-like single domain, a transmembrane region, and a short, 40 amino acid cytoplasmic tail. CD83 antigen undergoes extensive post translational glycosylation, as the determined Mr is twice the predicted size of the core protein. However, CD83+ cells have a unique cell surface immunophenotype that does not correlate with that of T cells, B cells, NK cells, or cells of the myelomonocytic lineage. CD83+ cells coexpress the highest levels of MHC class II molecules, when compared with other leucocyte lineages. They also coexpress T cell markers (CD2, CD5), B cell markers (CD40, CD78), myeloid cell markers (CD13, CD33, CD36) and cytokine receptors, as well as other cell surface molecules.

Function:

May play a significant role in antigen presentation or the cellular interactions that follow lymphocyte activation (By similarity).

Subunit:

Monomer.

Subcellular Location:

Membrane; Single-pass type I membrane protein.

Tissue Specificity:

Abundantly expressed in spleen and brain, but is also detected in most tissues analyzed.

Similarity:

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

SWISS:

Q01151

Gene ID:

9308

Important Note:

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