

组织相容性抗原 DQB2 抗体

产品货号： mIR18040

英文名称： HLA-DQB2

中文名称： 组织相容性抗原 DQB2 抗体

别 名： DV19.1 (major histocompatibility complex, class II, DQ beta 2 (HLA-DXB)); DX-beta; HLA class II histocompatibility antigen, DQ beta 2 chain; HLA class II histocompatibility antigen, DX beta chain; HLA DQB1; HLA DXB; major histocompatibility complex, class II, DQ beta 1; Major histocompatibility complex, class II, DQ beta 2; Major histocompatibility complex, class II, DX beta; MHC class II antigen DQB2.

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,

产品应用： ELISA=1:500-1000 IHC-P=1:400-800 IHC-F=1:400-800 ICC=1:100-500 IF=1:100-500 （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： 27kDa

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 HLA-DQB2:1-100/268 <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 : HLA-DQB2 belongs to the family of HLA class II beta chain paralogs. Class II molecules are heterodimers consisting of an alpha (DQA) and a beta chain (DQB), both anchored in the membrane. They play a central role in the immune system by presenting peptides derived from extracellular proteins. Class II molecules are expressed in antigen presenting cells (APC: B lymphocytes, dendritic cells, macrophages). Polymorphisms in the alpha and beta chains specify the peptide binding specificity, and typing for these polymorphisms is routinely done for bone marrow transplantation. However this gene, HLA-DQB2, is not routinely typed, as it is not thought to have an effect on transplantation. There is conflicting evidence in the literature and public sequence databases for the protein-coding capacity of HLA-DQB2. Because there is evidence of transcription and an intact ORF, HLA-DQB2 is represented in Entrez Gene and in RefSeq as a protein-coding locus. [provided by RefSeq, Oct 2010]

Function:

Belongs to the MHC class II family. Contains one Ig like C1 type (immunoglobulin like) domain.

Subcellular Location:

Cell membrane; Single pass type I membrane protein

Tissue Specificity:

Restricted to skin Langerhans cells (at protein level).

Similarity:

Belongs to the MHC class II family. Contains 1 Ig-like C1-type (immunoglobulin-like) domain.

SWISS:

P05538

Gene ID:

3120

Important Note:

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