

## 组织相容性抗原 DQB1 抗体

产品货号： mIR17543

英文名称： HLA DQB1

中文名称： 组织相容性抗原 DQB1 抗体

别名： CELIAC1; DQ beta 1 chain; DQB1\_HUMAN; HLA class II histocompatibility antigen; HLA class II histocompatibility antigen, DQ beta 1 chain; HLA class II histocompatibility antigen, DQ beta 2 chain; HLA DQB; HLA DQB1; HLA-DQB1; HLA-DQB2; IDDM1; Lymphocyte antigen; Major histocompatibility complex class II beta; Major histocompatibility complex, class II, DQ beta 1; MHC class II antigen DQB1; MHC class II antigen HLA DQ beta 1; MHC class II DQ beta chain; MHC class II HLA DQ beta glycoprotein; MHC class2 antigen; MHC DQ beta.

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 DQB1:151-250/261 <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-DQB1 belongs to the HLA class II beta chain paralogs. This class II molecule is a heterodimer consisting of an alpha (DQA) and a beta chain (DQB), both anchored in the membrane. It plays 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). The beta chain is approximately 26-28 kDa and it contains six exons. Exon 1 encodes the leader peptide, exons 2 and 3 encode the two extracellular domains, exon 4 encodes the transmembrane domain and exon 5 encodes the cytoplasmic tail. Within the DQ molecule both the alpha chain and the beta chain contain the polymorphisms specifying the peptide binding specificities, resulting in up to four different molecules. Typing for these polymorphisms is routinely done for bone marrow transplantation. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Sep 2011]

**SWISS:**

P03992

**Gene ID:**

3119

**Important Note:**

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