

## 组织相容性抗原 DP 抗体

产品货号： mIR17541

英文名称： HLA DP

中文名称： 组织相容性抗原 DP 抗体

别名： DP(W3); DP(W4); HLA class II histocompatibility antigen DP alpha 1 chain; HLA class II histocompatibility antigen DP alpha chain; HLA DP1A; HLA DPA 1; HLA SB alpha chain; HLADP; HLADPA1; HLASB; HLASB histocompatibility type; Human MHC class II HLA SB alpha gene; Major histocompatibility complex class II DP alpha 1; MHC class II antigen; MHC class II DP3 alpha; MHC class II DPA1; MHC class II HLA DPA1 antigen; PLT1; Primed lymphocyte test 1.

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： 26kDa

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 DP:61-160/260 <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-DPA1 belongs to the HLA class II alpha chain paralogues. This class II molecule is a heterodimer consisting of an alpha (DPA) and a beta (DPB) chain, 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 alpha chain is approximately 33-35 kDa and its gene contains 5 exons. Exon one encodes the leader peptide, exons 2 and 3 encode the two extracellular domains, exon 4 encodes the transmembrane domain and the cytoplasmic tail. Within the DP molecule both the alpha chain and the beta chain contain the polymorphisms specifying the peptide binding specificities, resulting in up to 4 different molecules. [provided by RefSeq, Jul 2008]

**Function:**

HLA-DPA1 belongs to the HLA class II alpha chain paralogues. This class II molecule is a heterodimer consisting of an alpha (DPA) and a beta (DPB) chain, both anchored in the membrane. It plays a vital role in the immune system by presenting peptides derived from extracellular proteins. Class II molecules are expressed in antigen presenting cells (B lymphocytes, dendritic cells and macrophages). Within the DP molecule the alpha and beta chain contain the polymorphisms governing the peptide binding specificities, resulting in up to 4 different molecules.

**Subcellular Location:**

Type I membrane protein.

**SWISS:**

P20036

**Gene ID:**

3113



**Important Note:**

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