

## 兔抗 HLA-DQB1 多克隆抗体

中文名称: 兔抗 HLA-DQB1 多克隆抗体

英文名称: Anti-HLA-DQB1 rabbit polyclonal antibody

别名: major histocompatibility complex, class II, DQ beta 1; IDDM1; CELIAC1; HLA-DQB

抗原: HLA-DQB1

储存: 冷冻 (-20℃)

宿主: Rabbit

相关类别: 一抗

反应种属: Human

标记物: Unconjugate

克隆类型: rabbit polyclonal

抗原: HLA-DQB1

### 技术规格

**Background:**

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 a

	nd 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.
<b>Applications:</b>	ELISA, IHC
<b>Name of antibody:</b>	HLA-DQB1
<b>Immunogen:</b>	Fusion protein of human HLA-DQB1
<b>Full name:</b>	major histocompatibility complex, class II, DQ beta 1
<b>Synonyms:</b>	IDDM1; CELIAC1; HLA-DQB
<b>SwissProt:</b>	P01920
<b>ELISA Recommended dilution:</b>	5000-10000
<b>IHC positive control:</b>	Human esophagus cancer
<b>IHC Recommended dilution:</b>	30-150

