

兔抗 HLA-DRB1 多克隆抗体

中文名称: 兔抗 HLA-DRB1 多克隆抗体

英文名称: Anti-HLA-DRB1 rabbit polyclonal antibody

别名: major histocompatibility complex, class II, DR beta 1; SS1; DRB1; HLA-DRB; HLA-DR1B

抗原: HLA-DRB1

储存: 冷冻 (-20℃)

宿主: Rabbit

反应种属: Human

相关类别: 一抗

标记物: Unconjugate

克隆类型: rabbit polyclonal

技术规格

Background:

HLA-DRB1 belongs to the HLA class II beta chain paralogs. The class II molecule is a heterodimer consisting of an alpha (DRA) and a beta chain (DRB), 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. It is encoded by 6 exons. Exon one 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 domain.

	mic tail. Within the DR molecule the beta chain contains all the polymorphisms specifying the peptide binding specificities. Hundreds of DRB1 alleles have been described and typing for these polymorphisms is routinely done for bone marrow and kidney transplantation. DRB1 is expressed at a level five times higher than its paralogs DRB3, DRB4 and DRB5. DRB1 is present in all individuals. Allelic variants of DRB1 are linked with either none or one of the genes DRB3, DRB4 and DRB5. There are 4 related pseudogenes: DRB2, DRB6, DRB7, DRB8 and DRB9.
Applications:	ELISA, IHC
Name of antibody:	HLA-DRB1
Immunogen:	Synthetic peptide of human HLA-DRB1
Full name:	major histocompatibility complex, class II, DR beta 1
Synonyms:	SS1; DRB1; HLA-DRB; HLA-DR1B
SwissProt:	P20039
ELISA Recommended dilution:	5000-10000
IHC positive control:	Human tonsil and Human cervical cancer
IHC Recommend dilution:	40-200

