

兔抗 HLA-DRB4 多克隆抗体

中文名称：兔抗 HLA-DRB4 多克隆抗体

英文名称：Anti-HLA-DRB4 rabbit polyclonal antibody

别名：major histocompatibility complex, class II, DR beta 4; DR4; DRB4; HLA-DR4B

相关类别：一抗

储存：冷冻（-20℃）

宿主：Rabbit

抗原：HLA-DRB4

反应种属：Human

标记物：Unconjugate

克隆类型：rabbit polyclonal

技术规格

Background:

HLA-DRB4 belongs to the HLA class II beta chain paralogues. This class II molecule is a heterodimer consisting of an alpha (DRA) and a beta (DRB) 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 beta chain is approximately 26-28 kDa and its gene contains 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 tail. Within the DR molecule the beta chain contains all the polymorphisms spe

	cifying the peptide binding specificities. Typing for these polymorphisms is routinely done for bone marrow and kidney transplantation. DRB1 is expressed at a level five times higher than its paralogues DRB3, DRB4 and DRB5. The presence of DRB4 is linked with all allelic variants of DRB1, otherwise it is omitted. There are 4 related pseudogenes: DRB2, DRB6, DRB7, DRB8 and DRB9.
Applications:	ELISA, WB, IHC
Name of antibody:	HLA-DRB4
Immunogen:	Fusion protein of human HLA-DRB4
Full name:	major histocompatibility complex, class II, DR beta 4
Synonyms:	DR4; DRB4; HLA-DR4B
SwissProt:	P13762
ELISA Recommended dilution:	5000-10000
IHC positive control:	Human tonsil
IHC Recommended dilution:	20-100
WB Predicted band size:	30 kDa
WB Positive control:	Raji cell lysate
WB Recommended dilution:	500-2000

