

bs-22366R**[Primary Antibody]****HLA-DR/HLA DRB1 Rabbit pAb****BioSS**
ANTIBODIES

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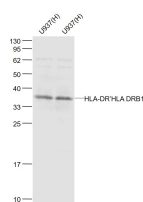
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DATASHEET

Host: Rabbit	Isotype: IgG	Applications: WB (1:500-2000)
Clonality: Polyclonal		Reactivity: Human
GeneID: 3123		
Target: HLA-DR/HLA DRB1		
Immunogen: KLH conjugated synthetic peptide derived from human HLA-DR/HLA DRB1: 26-100/224. < Extracellular >		Predicted MW.: 26 kDa
Purification: affinity purified by Protein A		Subcellular Location: Cytoplasmic vesicle ,Cell membrane
Concentration: 1mg/ml		
Storage: 0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol. Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.		
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. 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 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 some alleles have increased frequencies associated with certain diseases or conditions. For example, DRB1*1302 has been related to acute and chronic hepatitis B virus persistence. There are multiple pseudogenes of this gene. [provided by RefSeq, Jul 2020]		

VALIDATION IMAGES

Sample: U937(Human) Cell Lysate at 30 ug
U937(Human) Cell Lysate at 30 ug Primary: Anti-
HLA-DR/HLA DRB1 (bs-22366R) at 1/1000
dilution Secondary: IRDye800CW Goat Anti-
Rabbit IgG at 1/20000 dilution Predicted band
size: 35 kD Observed band size: 35 kD