

## MHC Class II beta Rabbit pAb

db20387

Package : 20µL 50µL 100µL

**Product Name** : MHC Class II beta Rabbit pAb**Cat.No.:** db20387**Synonyms** : DPB1; HLA-DP; HLA-DPB; HLA-DP1B**Application** : WB, IHC, ICC/IF**Reactivity** : Human**Host species** : Rabbit**Background**

HLA-DPB belongs to the HLA class II beta chain paralogues. This class II molecule is a heterodimer consisting of an alpha (DPA) and a beta chain (DPB), 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 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]

**Immunogen**

A synthetic peptide of human MHC Class II beta

**Gene ID**

3115

**Swiss Prot**

P04440

**Synonyms**

DPB1; HLA-DP; HLA-DPB; HLA-DP1B

**Reactivity**

Human

**Application**

WB, IHC, ICC/IF

**Recommended dilution**

WB: 1:1000

IHC: 1:50

ICC/IF: 1:50

**Calculated MW**

29 kDa

**Observed MW**

29 kDa

**Host species**

Rabbit

**Clonality**

Polyclonal

<b>Isotype</b>	IgG
<b>Purity</b>	Affinity Purification
<b>Conjugation</b>	Un-conjugated
<b>Storage Stability</b>	Store at -20°C. Supplied in 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% sodium azide and 0.05% BSA. Stable for 12 months from date of receipt.