

Rabbit anti-Human HLA-DPB1 Polyclonal Antibody | anti-HLA-DPB1 antibody

HLA-DPB1 Polyclonal Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA176453	Rabbit	Human	ELISA, Immunohistochemistry, Western Blot

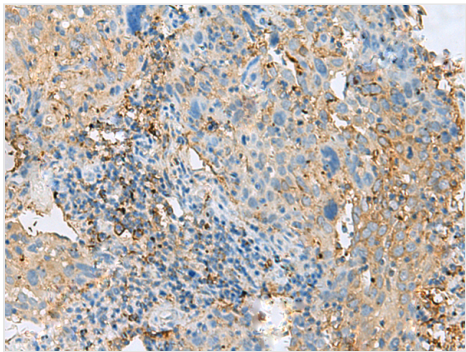
PRODUCT SYNONYMS

HLA-DPB1; Polyclonal Antibody; HLA-DPB1 Polyclonal Antibody; D6S221E; DMA; DMB; DP beta 1; DP beta 1 chain; DP(W4) beta chain; DPB 1; DPB1; DRB; H2Ea; HLA class II histocompatibility antigen; HLA class II histocompatibility antigen DM beta chain; HLA DMB; HLA DP1A; HLA DPB1; HLA SB alpha chain; HLA-A; HLA-A histocompatibility type; HLA-DP; HLA-DP histocompatibility type; beta-1 subunit; HLA-DP1B; HLA-DPB; HLADM; HLADP1B; HLASB; HLASB histocompatibility type; Human MHC class II HLA SB alpha; LA class II histocompatibility antigen DP alpha 1 chain; Major histocompatibility complex class II; Major histocompatibility complex class II DP alpha 1; Major histocompatibility complex class II DP beta 1; Major histocompatibility complex; class I; A; MHC class II antigen DMB; MHC class II antigen DPB1; MHC class II DP3 alpha; MHC class II DPA1; MHC class II HLA-DP-beta-1; MHC DPB1; MHC HLA DPB1; PLT1; Primed lymphocyte test 1; RING6; RING7; anti-HLA-DPB1 antibody

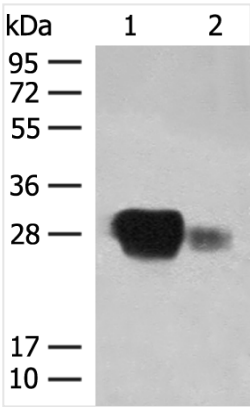
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Antigen Affinity Purification
Form/Format	PBS with 0.05% NaN3 and 40% Glycerol, pH7.4
Concentration	0.9mg/mL (varies by lot)
Sequence Length	258
Applicable Applications for anti-HLA-DPB1 antibody	ELISA, IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	Fusion protein of human HLA-DPB1
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Avoid freeze/thaw cycles.

IMAGES



IHC (Immunohistochemistry)
Immunohistochemistry of paraffin-embedded Human cervical cancer tissue using HLA-DPB1 Polyclonal Antibody at dilution of 1:50(×200)



WB (Western Blot)
Western blot analysis of Raji cell and Human spleen tissue lysates using HLA-DPB1 Polyclonal Antibody at dilution of 1:350

ADDITIONAL INFORMATION

Related Product Information for anti-HLA-DPB1 antibody	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.
Product Categories/Family for anti-HLA-DPB1 antibody	Cancer; Immunology

NCBI AND UNIPROT INFORMATION

NCBI GI #	122263
NCBI GeneID	3115
UniProt Accession #	P04440
Molecular Weight	29 kDa
NCBI Official Full Name	HLA class II histocompatibility antigen, DP beta 1 chain
NCBI Official Synonym Full Names	major histocompatibility complex, class II, DP beta 1
NCBI Official Symbol	HLA-DPB1
NCBI Official Synonym Symbols	DPB1; HLA-DP; HLA-DPB; HLA-DP1B
NCBI Protein Information	HLA class II histocompatibility antigen, DP beta 1 chain
UniProt Protein Name	HLA class II histocompatibility antigen, DP beta 1 chain
UniProt Gene Name	HLA-DPB1
UniProt Synonym Gene Names	HLA-DP1B
UniProt Entry Name	DPB1_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

