

Datasheet for ABIN7091355
anti-HLA-DPB1 antibody



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Overview

Quantity:	100 µL
Target:	HLA-DPB1
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Monoclonal
Conjugate:	This HLA-DPB1 antibody is un-conjugated
Application:	Western Blotting (WB), Immunofluorescence (IF), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunocytochemistry (ICC)

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human HLA-DPB1
Clone:	H3L7
Isotype:	IgG
Cross-Reactivity:	Human, Mouse
Purification:	Purified by Protein A.

Target Details

Target:	HLA-DPB1
Alternative Name:	HLA-DPB1 (HLA-DPB1 Products)
Background:	Synonyms: HLA-DP beta1, MHC-2, MHC2, MHC 2, DMA, DMB, DP beta 1, DPB 1, DPB1, DRB,

Target Details

HLA class II histocompatibility antigen DM beta chain, HLA DMB, HLA DPB1, HLADM, HLADP1B, Major histocompatibility complex class II, Major histocompatibility complex class II DP beta 1, MHC class II antigen DMB, MHC Class II, MHC DPB1, RING6, RING7, DPB1_HUMAN, HLA class II histocompatibility antigen, DP beta 1 chain.

Background: HLA-DMB belongs to the HLA class II beta chain paralogues. This class II molecule is a heterodimer consisting of an alpha (DMA) and a beta (DMB) chain, both anchored in the membrane. It is located in intracellular vesicles. DM plays a central role in the peptide loading of MHC class II molecules by helping to release the CLIP (class II-associated invariant chain peptide) molecule from the peptide binding site. 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. [provided by RefSeq, Jul 2008]

Gene ID:	3115
UniProt:	P04440
Pathways:	TCR Signaling , Cancer Immune Checkpoints , Human Leukocyte Antigen (HLA) in Adaptive Immune Response

Application Details

Application Notes:	WB 1:300-5000 IHC-P 1:200-400 IF() ICC 1:100-500
Restrictions:	For Research Use only

Handling

Concentration:	1 mg/mL
Buffer:	0.01M TBS(pH 7.4) with 1 % BSA, 0.02 % Proclin300 and 50 % Glycerol.
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C,-20 °C

Handling

Storage Comment:	Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.
Expiry Date:	12 months