

[Go to Product page](#)

Datasheet for ABIN6937422 **anti-HLA-DRB3 antibody**

Overview

Quantity:	100 µg
Target:	HLA-DRB3
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This HLA-DRB3 antibody is un-conjugated
Application:	Immunofluorescence (IF), Flow Cytometry (FACS)

Product Details

Immunogen:	Human REH cells (non-T, non-B leukemia cell line)
Clone:	Bra30
Isotype:	IgG2a kappa
Specificity:	This MAb reacts with the HLA-DRB3 antigen, a member of MHC class II molecules. It does not cross react with HLA-DP and HLA-DQ. HLA-DR is a heterodimeric cell surface glycoprotein comprised of a 36 kDa alpha (heavy) chain and a 28 kDa beta (light) chain. It is expressed on B-cells, activated T-cells, monocytes/macrophages, dendritic cells and other non-professional APCs. In conjunction with the CD3/TCR complex and CD4 Molecules, HLA-DR is critical for efficient peptide presentation to CD4+ T cells. HLA-DR antigens also occur on a variety of epithelial cells and their corresponding neoplastic counterparts.
Cross-Reactivity (Details):	Human. Baboon. Chimpanzee. Monkey. Squirrel. Dog.
Purification:	1.0mg/ml of Ab purified from Bioreactor by Protein A/G.

Target Details

Target:	HLA-DRB3
Alternative Name:	HLA-DRB3 (HLA-DRB3 Products)
Background:	HLA class II histocompatibility antigen DR beta 3 chain, HLADR3B, Major histocompatibility complex, class II DR beta 3,HLA-DRB (MHC II) Cellular localisation: Cell Surface
Molecular Weight:	~28kDa (beta chain)
Gene ID:	3123, 534322
UniProt:	P01911
Pathways:	TCR Signaling , Positive Regulation of Peptide Hormone Secretion , Production of Molecular Mediator of Immune Response , Cancer Immune Checkpoints , Human Leukocyte Antigen (HLA) in Adaptive Immune Response

Application Details

Application Notes:	Known_Application: Flow Cytometry (1-2 µg/million cells), Immunofluorescence (1-2 µg/mL), Optimal dilution for a specific application should be determined. Positive_Control: Ramos, Daudi or HuT78 cells. Tonsil or lymph node.
Restrictions:	For Research Use only

Handling

Concentration:	1.0 mg/mL
Buffer:	Prepared in 10 mM PBS, WITHOUT BSA and Azide.
Preservative:	Azide free
Storage:	-20 °C,-80 °C
Storage Comment:	Antibody without azide store at -20 to -80 °C. Antibody is stable for 24 months. Non-hazardous.
Expiry Date:	24 months