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Datasheet for ABIN6939646 **anti-HLA-DRB3 antibody**

Overview

Quantity:	100 µg
Target:	HLA-DRB3
Reactivity:	Human, Monkey, Baboon, Chimpanzee, Dog, Squirrel
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:	<p>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.</p>
Purification:	Purified by Protein A/G

Target Details

Target:	HLA-DRB3
Alternative Name:	HLA-DRB3 (HLA-DRB3 Products)
Molecular Weight:	~28kDa (beta chain)
Gene ID:	3123
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:	Positive Control: Ramos, Daudi or HuT78 cells. Tonsil or lymph node. Known Application: Flow Cytometry (0.5-1 µg/million cells), Immunofluorescence (0.5-1 µg/mL), Optimal dilution for a specific application should be determined.
Restrictions:	For Research Use only

Handling

Concentration:	200 µg/mL
Buffer:	10 mM PBS with 0.05 % BSA & 0.05 % azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C, -80 °C
Storage Comment:	Antibody with azide - store at 2 to 8°C. Antibody without azide - store at -20 to -80°C. Antibody is stable for 24 months. Non-hazardous. No MSDS required.
Expiry Date:	24 months