

36-2491: Anti-HLA-DRB (MHC II) Monoclonal Antibody(Clone: Bra30)

Clonality :	Monoclonal
Clone Name :	Bra30
Application :	FACS,IF
Reactivity :	Human
Gene :	HLA-DRB3
Gene ID :	3123
Uniprot ID :	P01911
Alternative Name :	HLA class II histocompatibility antigen DR beta 3 chain; HLADR3B; Major histocompatibility complex, class II DR beta 3
Isotype :	Mouse IgG2a, kappa
Immunogen Information :	Human REH cells (non-T, non-B leukemia cell line)

Description

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 36kDa alpha (heavy) chain and a 28kDa 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.

Product Info

Amount :	20 µg / 100 µg
Content :	200 µg/ml of Ab Purified from Bioreactor Concentrate by Protein A/G. Prepared in 10mM PBS with 0.05% BSA & 0.05% azide. Also available WITHOUT BSA & azide at 1.0mg/ml.
Storage condition :	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.

Application Note

Flow Cytometry (1-2ug/million cells); Immunofluorescence (1-2ug/ml);