

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

<b>Clonality :</b>	Monoclonal
<b>Clone Name :</b>	Bra30
<b>Application :</b>	FACS,IF
<b>Reactivity :</b>	Human
<b>Gene :</b>	HLA-DRB3
<b>Gene ID :</b>	3123
<b>Uniprot ID :</b>	P01911
<b>Alternative Name :</b>	HLA class II histocompatibility antigen DR beta 3 chain; HLADR3B; Major histocompatibility complex, class II DR beta 3
<b>Isotype :</b>	Mouse IgG2a, kappa
<b>Immunogen Information :</b>	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

<b>Amount :</b>	20 µg / 100 µg
<b>Content :</b>	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.
<b>Storage condition :</b>	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);