

Monoclonal Antibody to HLA Class II DP - PE

Alternate names:	HLA class II histocompatibility antigen DP, HLA-DP, MHC class II antigen DP
Catalog No.:	BM2341R
Quantity:	0.2 mg
Concentration:	0.1 mg/ml (OD280 nm)
Host / Isotype:	Mouse / IgG3
Recommended Isotype Controls:	AM08210RP-N
Clone:	B7/21
Format:	State: Liquid purified Ig fraction. Purification: Protein G Chromatography. Buffer System: 0.01M PBS, pH 7.2 containing 2.0 mM EDTA, 1% BSA as stabilizer and 0.09% Sodium Azide as preservative. Label: PE – Conjugated to R-phycoerythrin <i>Absorption / Emission:</i> 565.5 nm / 578 nm <i>Molar Ratio:</i> Fluorochrome/Protein (F/P) is 0.7-1.3
Applications:	Suitable for enumeration of cells expressing HLA-DP region gene products and Flow Cytometric (1 µg/1x10 ⁶ cells/test). Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.
Specificity:	This antibody recognizes a (Mr 26-34 kDa) class II major histocompatibility complex (MHC) antigen. (1) The antibody recognizes a monomorphic determinant present on cells expressing DP1, DP2, DP3, DP4 and DP5. The HLA-DP antigen is present on approximately 10% of normal peripheral blood Lymphocytes but not on resting peripheral T-Lymphocytes. HLA-DP reacts with most B-cell lines.
Species Reactivity:	Tested: Human.
Storage:	Store the antibody undiluted (Protected from Light) at 2-8°C. DO NOT FREEZE! Shelf life: one year from despatch.
General Readings:	1. Watson, J. A., et al., (1983), Nature, 304:358.