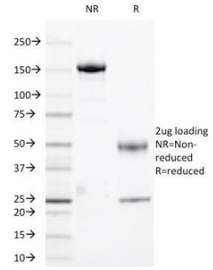
HLA-DR Antibody (MHC II) [clone 169-1B5.2] (V2584)

Catalog No.	Formulation	Size
V2584-100UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced) and 0.05% sodium azide	100 ug
V2584-20UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced) and 0.05% sodium azide	20 ug
V2584SAF-100UG	1 mg/ml in 1X PBS; BSA free, sodium azide free	100 ug

Bulk quote request

Availability	1-3 business days
Species Reactivity	Human
Format	Purified
Host	Mouse
Clonality	Monoclonal (mouse origin)
Isotype	Mouse IgG2b, kappa
Clone Name	169-1B5.2
Purity	Protein G affinity chromatography
UniProt	P01903
Localization	Cell surface
Applications	Flow cytometry: 1-2ug/10^6 cells Immunofluorescence: 1-2ug/ml
Limitations	This HLA-DR antibody is available for research use only.



SDS-PAGE Analysis of Purified, BSA-Free HLA-DR Antibody (clone 169-1B5.2). Confirmation of Integrity and Purity of the Antibody.

Description

This antibody detects a monomorphic general framework determinant of HLA-DR Class II antigen. 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. It is an excellent histiocytic marker in paraffin sections producing intense cytoplasmic staining. True histiocytic neoplasms are similarly positive. HLA-DR antigens also occur on a variety of epithelial cells and their corresponding neoplastic counterparts.

For additional information on HLA-DR biology and complementary antibody validation, visit our HLA-DR Antibody LN3 / MHC Class II Antibody page.

Application Notes

Optimal dilution of the HLA-DR antibody should be determined by the researcher.

Immunogen

Human peripheral blood leukocytes were used as the immunogen for the HLA-DR antibody.

Storage

Store the HLA-DR antibody at 2-8oC (with azide) or aliquot and store at -20oC or colder (without azide).

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