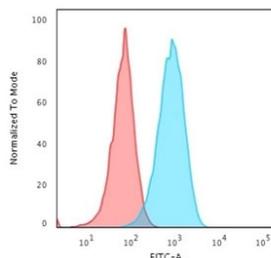


## HLA-DR Antibody (MHC II) [clone 19-26.1 or MB-26.1] (V2585)

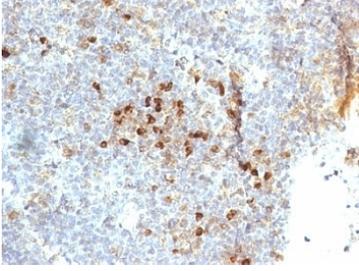
Catalog No.	Formulation	Size
V2585-100UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced) and 0.05% sodium azide	100 ug
V2585-20UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced) and 0.05% sodium azide	20 ug
V2585SAF-100UG	1 mg/ml in 1X PBS; BSA free, sodium azide free	100 ug
V2585IHC-7ML	Prediluted in 1X PBS with 0.1 mg/ml BSA (US sourced) and 0.05% sodium azide; *For IHC use only*	7 ml

[Bulk quote request](#)

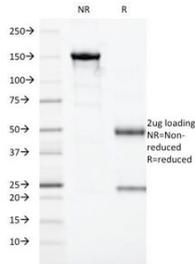
<b>Availability</b>	1-3 business days
<b>Species Reactivity</b>	Human
<b>Format</b>	Purified
<b>Host</b>	Mouse
<b>Clonality</b>	Monoclonal (mouse origin)
<b>Isotype</b>	Mouse IgG2a, kappa
<b>Clone Name</b>	19-26.1 or MB-26.1
<b>Purity</b>	Protein G affinity chromatography
<b>UniProt</b>	P01903
<b>Localization</b>	Cell surface
<b>Applications</b>	Flow Cytometry : 1-2ug/million cells Immunofluorescence : 1-2ug/ml Immunohistochemistry (FFPE) : 1-2ug/ml for 30 min at RT
<b>Limitations</b>	This HLA-DR antibody is available for research use only.



Flow cytometry staining of human Raji cells with HLA-DR antibody (clone 19-26.1 or MB-26.1); Red=isotype control, Blue= HLA-DR antibody.



IHC: Formalin-fixed, paraffin-embedded human tonsil stained with HLA-DR antibody (clone 19-26.1 or MB-26.1).



SDS-PAGE Analysis of Purified, BSA-Free HLA-DR Antibody (clone 19-26.1 or MB-26.1). Confirmation of Integrity and Purity of the Antibody.

## Description

This mAb reacts with the HLA-DR 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. 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.

## Application Notes

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

1. Staining of formalin-fixed tissues requires boiling tissue sections in 10mM Citrate buffer, pH 6.0, for 10-20 min followed by cooling at RT for 20 min
2. The prediluted format is supplied in a dropper bottle and is optimized for use in IHC. After epitope retrieval step (if required), drip mAb solution onto the tissue section and incubate at RT for 30 min.

## Immunogen

Raji cells were used as the immunogen for the HLA-DR antibody.

## Storage

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

