

Datasheet for ABIN6939638

anti-HLA-DRA antibody**3** Images[Go to Product page](#)

Overview

Quantity:	100 µg
Target:	HLA-DRA
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This HLA-DRA antibody is un-conjugated
Application:	Immunohistochemistry (IHC), Flow Cytometry (FACS), Immunofluorescence (IF), Staining Methods (StM)

Product Details

Immunogen:	Raji cells
Clone:	19-26-1-same as MB-26-1
Isotype:	IgG2a kappa
Specificity:	<p>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 36 kDa alpha (heavy) chain and a 28 kDa 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.</p>

Product Details

Purification: Purified by Protein A/G

Target Details

Target: HLA-DRA

Alternative Name: HLA-DRA ([HLA-DRA Products](#))

Molecular Weight: 36kDa (α , chain) and 27kDa (β , chain)

Gene ID: 3122

UniProt: [P01903](#)

Pathways: [TCR Signaling](#), [CXCR4-mediated Signaling Events](#), [Human Leukocyte Antigen \(HLA\) in Adaptive Immune Response](#)

Application Details

Application Notes: Positive Control: Raji, Ramos, Daudi or HuT78 cells. Tonsil or lymph node.
Known Application: Flow Cytometry (1-2 μ g/million cells), Immunofluorescence (1-2 μ g/mL), Immunohistochemistry (Formalin-fixed) (1-2 μ g/mL for 30 minutes at RT)(Staining of formalin-fixed tissues requires boiling tissue sections in 10 mM Citrate Buffer, pH 6.0, for 10-20 min followed by cooling at RT for 20 minutes), Optimal dilution for a specific application should be determined.

Restrictions: For Research Use only

Handling

Concentration: 200 μ g/mL

Buffer: 10 mM PBS with 0.05 % BSA & 0.05 % azide.

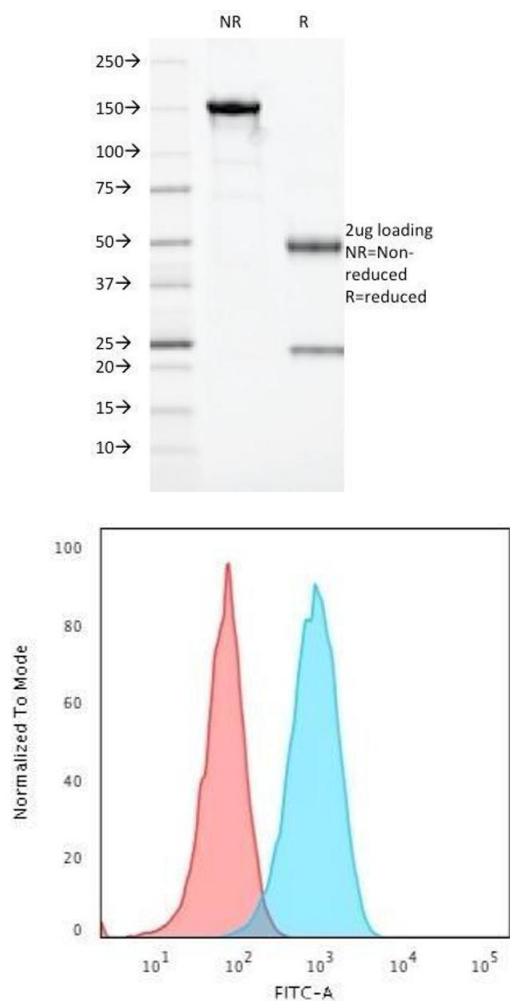
Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: 4 °C, -80 °C

Storage Comment: 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. No MSDS required.

Expiry Date: 24 months

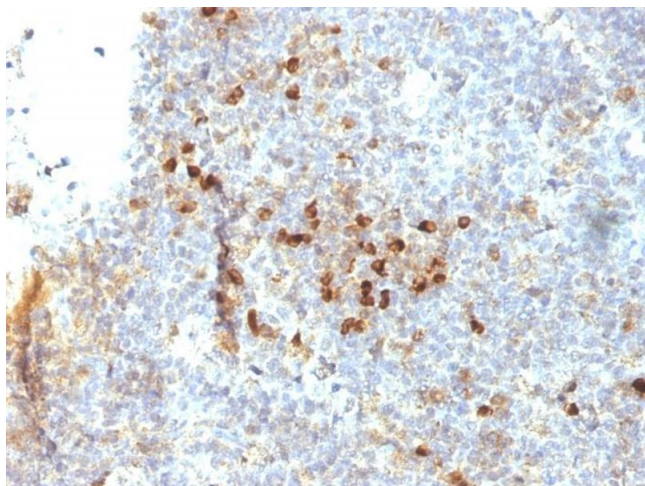


SDS-PAGE

Image 1. SDS-PAGE Analysis Purified HLA-DRA Monoclonal Antibody (19-26.1). Confirmation of Integrity and Purity of Antibody

Flow Cytometry

Image 2. Flow Cytometric Analysis of Raji cells. HLA-DRA Monoclonal Antibody (19-26.1) followed by goat anti-Mouse IgG-CF488 (Blue); Isotype control (Red).



Immunohistochemistry

Image 3. Formalin-fixed, paraffin-embedded human Tonsil stained with HLA-DRA Mouse Monoclonal Antibody (19-26.1).