

Datasheet for ABIN6939637  
**anti-HLA-DRA antibody**

## 2 Images

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## Overview

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

## Product Details

Immunogen:	Human peripheral blood leukocytes
Clone:	169-1B5-2
Isotype:	IgG2b kappa
Purification:	Purified by Protein A/G

## Target Details

Target:	HLA-DRA
Alternative Name:	HLA-DRA ( <a href="#">HLA-DRA Products</a> )
Background:	<p>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 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</p>

## Target Details

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.

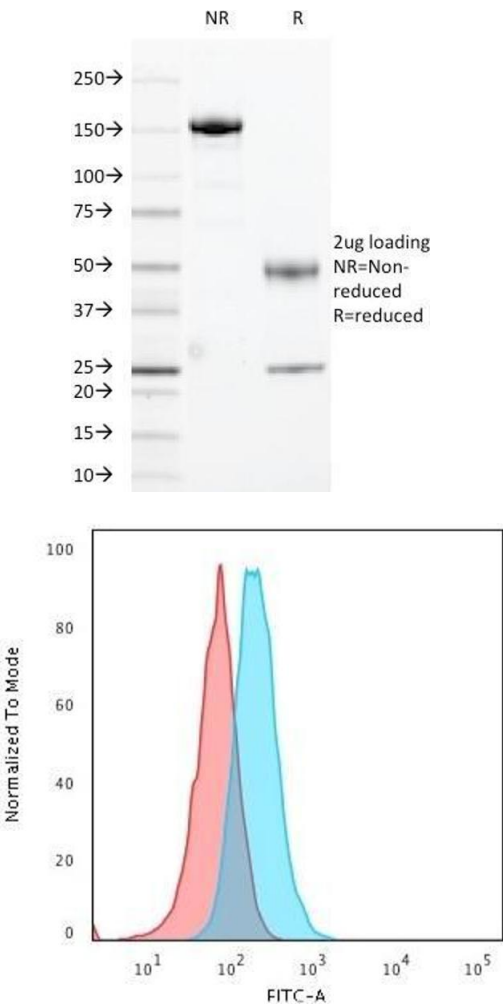
Molecular Weight:	36kDa (α, chain) and 27kDa (β, chain)
Gene ID:	3122
UniProt:	<a href="#">P01903</a>
Pathways:	<a href="#">TCR Signaling</a> , <a href="#">CXCR4-mediated Signaling Events</a> , <a href="#">Human Leukocyte Antigen (HLA) in Adaptive Immune Response</a>

## Application Details

Application Notes:	Positive Control: Ramos, Daudi or HuT78 cells. Tonsil or lymph node. Known Application: Flow Cytometry (1-2 µg/million cells), Immunofluorescence (1-2 µg/mL), Optimal dilution for a specific application should be determined.
Restrictions:	For Research Use only

## Handling

Concentration:	200 µg/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 Mouse Monoclonal Antibody (169-1B5.2). Confirmation of Integrity and Purity of Antibody.

Flow Cytometry

**Image 2.** Flow Cytometric Analysis of PFA-fixed Raji cells. HLA-DRA Mouse Monoclonal Antibody (169-1B5.2) followed by Goat anti-Mouse IgG-CF488 (Blue); Isotype Control (Red).