

## HLA-DRA (MHC II) Antibody

Mouse Monoclonal Antibody [Clone IPO-10]

Catalog No	Format	Size
3122-MSM1-P0	Purified Ab with BSA and Azide at 200ug/ml	20 ug
3122-MSM1-P1	Purified Ab with BSA and Azide at 200ug/ml	100 ug
3122-MSM1-P1ABX	Purified Ab WITHOUT BSA and Azide at 1.0mg/ml	100 ug

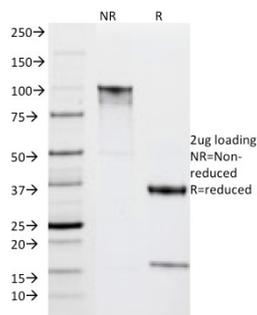
Applications	Tested Dillution	Note
Flow Cytometry (Flow)	1-2ug/million cells	
Immunofluorescence (IF)	1-3ug/ml	

### Product Details

<b>Clone</b>	IPO-10
<b>Gene Name</b>	HLA-DRA
<b>Immunogen</b>	Spleen cells of a patient with hairy cell leukemia (Daudi cells)
<b>Host</b>	Mouse
<b>Clonality</b>	Monoclonal
<b>Isotype / Light Chain</b>	IgG3 / Kappa
<b>Mol. Weight of Antigen</b>	36kDa
<b>Cellular Localization</b>	Autolysosome membrane, Cell membrane, Early endosome membrane, Endoplasmic reticulum membrane, Late endosome membrane, Lysosome membrane
<b>Species Reactivity</b>	Human, Monkey
<b>Positive Control</b>	Daudi or HuT78 cells. Tonsil or lymph node., Ramos

\*Optimal dilution for a specific application should be determined.

### Product Images for HLA-DRA (MHC II) Antibody



SDS-PAGE Analysis of Purified HLA-DRA Mouse Monoclonal Antibody (IPO-10).  
Confirmation of Integrity and Purity of Antibody.

### **Specificity & Comments**

MAB IPO-10 defines the antigen, which appears on B cell progenitors following HLA-DR and preceding CD10, CD19, CD22, CD37 and cym. It is expressed on resting B cells and then reappears and persists in cytoplasm and on cell surface until cytoplasmic Ig appears. It is a useful antibody for diagnostics of neoplasms of B cell origins. It reacts with human B cell lines Daudi, Raji, Namalva, EB-3, RPMI-8226 (50% of cells). The MAb does not label T cell lines, blood granulocytes, thymocytes or bone marrow stromal fibroblasts. No significant changes are detected after PHA or ConA stimulation while LPS and PWM stimulated cultures after 18-48h show decreased number of antigen-positive cells but in final terms of cultivation antigen is expressed again. This MAb labels B cell leukemias and some lymphomas. Hairy cell leukemia strongly reacts and 70% of B cell CLL and some B-NHL were also positive. IPO-10 reacts with AMML cells and in a majority of Hodgkin's disease cases a significant percentage of affected lymph node cells were detected. '

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### **Limitations and Warranty**

This antibody is available for research use only and is not approved for use in diagnosis. There are no warranties, expressed or implied, which extend beyond this description. Company is not liable for any personal injury or economic loss resulting from this product.

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### **Supplied As**

200ug/ml of Ab Purified from Bioreactor Concentrate by Protein A/G. Prepared in 10mM PBS with 0.05% BSA & 0.05% azide. Also available WITHOUT BSA & azide at 1.0mg/ml.

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### **Storage and Stability**

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.

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### **Research Areas**

B Cell Markers, Cardiovascular, Cytokine Signaling, Dendritic Cell Marker, Hematopoietic Stem Cells, Immunology

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