

For Research Use Only

# HLA-DRA Polyclonal antibody

Catalog Number: 17221-1-AP **9 Publications**



## Basic Information

<b>Catalog Number:</b> 17221-1-AP	<b>GenBank Accession Number:</b> BC032350	<b>Purification Method:</b> Antigen affinity purification
<b>Concentration:</b> 500 ug/ml	<b>GeneID (NCBI):</b> 3122	<b>Recommended Dilutions:</b> WB 1:2000-1:10000
<b>Source:</b> Rabbit	<b>ENSEMBL Gene ID:</b> ENSG00000204287	IP 0.5-4.0 ug for 1.0-3.0 mg of total protein lysate
<b>Isotype:</b> IgG	<b>UNIPROT ID:</b> P01903	IHC 1:500-1:2000
<b>Immunogen Catalog Number:</b> AG11044	<b>Full Name:</b> major histocompatibility complex, class II, DR alpha	IF/ICC 1:200-1:800
	<b>Calculated MW:</b> 254 aa, 29 kDa	
	<b>Observed MW:</b> 32-34 kDa	

## Applications

<b>Tested Applications:</b> WB, IHC, IF/ICC, IP, ELISA	<b>Positive Controls:</b>
<b>Cited Applications:</b> WB, IHC, IF	WB : Daudi cells, rat spleen tissue, Raji cells, Ramos cells
<b>Species Specificity:</b> human, rat	IP : Raji cells,
<b>Cited Species:</b> human, rat	IHC : human appendicitis tissue, human tonsillitis tissue
	IF/ICC : Raji cells,
<b>Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0</b>	

## Background Information

### Notable Publications

Author	Pubmed ID	Journal	Application
Zhi-Gang Wang	34499402	Aging Cell	IF
Pin-Yuan Chen	31649684	Front Immunol	IF
Zhaohui Chen	33033240	Nat Commun	IF

## Storage

**Storage:**  
Store at -20°C. Stable for one year after shipment.  
**Storage Buffer:**  
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.  
Aliquoting is unnecessary for -20°C storage

For technical support and original validation data for this product please contact:

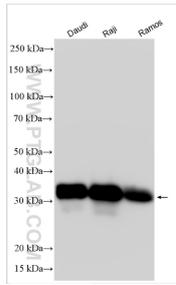
T: 4006900926

E: Proteintech-CN@ptglab.com

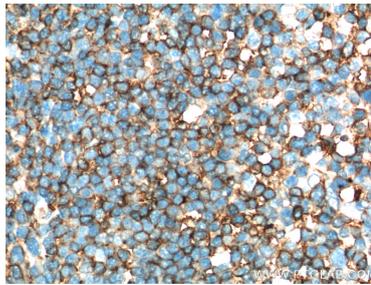
W: ptgcn.com

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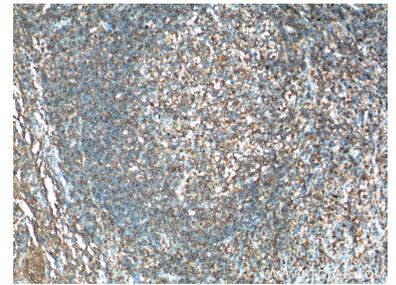
## Selected Validation Data



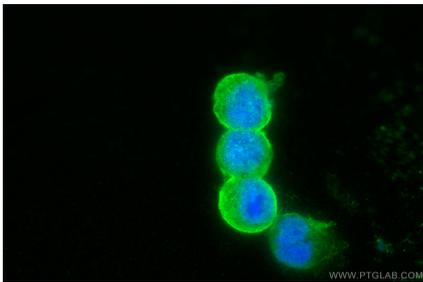
Various lysates were subjected to SDS PAGE followed by western blot with 17221-1-AP (HLA-DRA antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours.



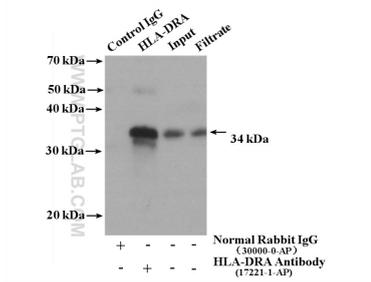
Immunohistochemical analysis of paraffin-embedded human tonsillitis tissue slide using 17221-1-AP (HLA-DRA Antibody) at dilution of 1:200 (under 40x lens).



Immunohistochemical analysis of paraffin-embedded human tonsillitis tissue slide using 17221-1-AP (HLA-DRA Antibody) at dilution of 1:200 (under 10x lens).



Immunofluorescent analysis of (4% PFA) fixed Raji cells using HLA-DRA antibody (17221-1-AP) at dilution of 1:400 and CoralLite®488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).



IP result of anti-HLA-DRA (IP:17221-1-AP, 4ug; Detection:17221-1-AP 1:1000) with Raji cells lysate 3200 ug.



Immunohistochemical analysis of paraffin-embedded human appendicitis tissue slide using 17221-1-AP (HLA-DRA antibody) at dilution of 1:1000 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded human appendicitis tissue slide using 17221-1-AP (HLA-DRA antibody) at dilution of 1:1000 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).