

For Research Use Only

HLA-DRA Polyclonal antibody

Catalog Number: 17221-1-AP

7 Publications



Basic Information

Catalog Number:

17221-1-AP

Size:

150ul, Concentration: 500 µg/ml by Nanodrop;

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG11044

GenBank Accession Number:

BC032350

GeneID (NCBI):

3122

Full Name:

major histocompatibility complex, class II, DR alpha

Calculated MW:

254 aa, 29 kDa

Observed MW:

32-34 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:2000-1:10000

IP 0.5-4.0 µg for IP and 1:500-1:2000 for WB

IHC 1:50-1:500

Applications

Tested Applications:

FC, IHC, IP, WB, ELISA

Cited Applications:

IF, IHC, WB

Species Specificity:

human, rat

Cited Species:

human, rat

Positive Controls:

WB: Daudi cells, rat spleen tissue, Raji cells, Ramos cells

IP: Raji cells,

IHC: human tonsillitis tissue, human kidney tissue, human tonsil tissue

Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0

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

*** 20ul sizes contain 0.1% BSA

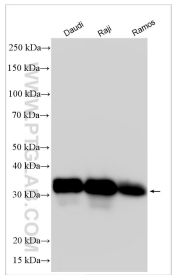
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

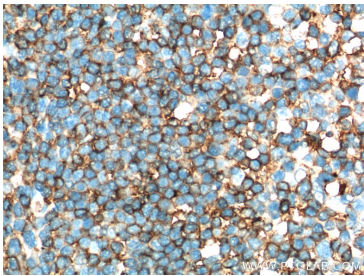
E: proteintech@ptglab.com
W: ptglab.com

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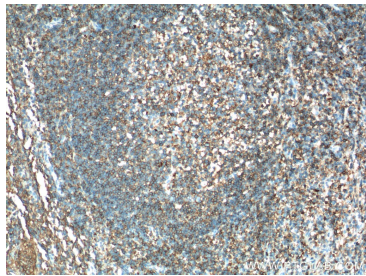
Selected Validation Data



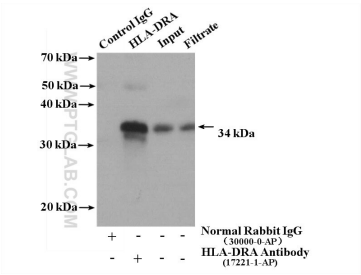
Various lysates were subjected to SDS PAGE followed by western blot with 17221-1-AP (HLA-DRA antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours.



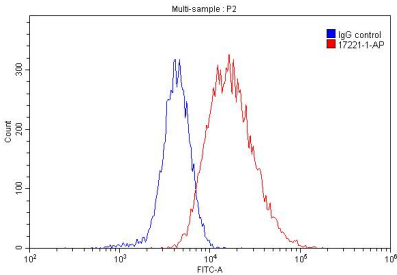
Immunohistochemical analysis of paraffin-embedded human tonsillitis tissue slide using 17221-1-AP (HLA-DRA Antibody) at dilution of 1:200 (under 40x lens).



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



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



1X10⁶ Raji cells were stained with 0.20ug HLA-DRA antibody (17221-1-AP, red) and control antibody (blue). Fixed with 90% MeOH.