

For Research Use Only

HLA-DRA Polyclonal antibody

Catalog Number: 17221-1-AP

9 Publications



Basic Information

Catalog Number:

17221-1-AP

Size:

150ul, Concentration: 500 ug/ml by Nanodrop and 467 ug/ml by Bradford method using BSA as the standard;

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG11044

GenBank Accession Number:

BC032350

GeneID (NCBI):

3122

ENSEMBL Gene ID:

ENSG00000204287

UNIPROT ID:

P01903

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 ug for 1.0-3.0 mg of total protein lysate

IHC 1:500-1:2000

IF/ICC 1:200-1:800

Applications

Tested Applications:

WB, IHC, IF/ICC, IP, ELISA

Cited Applications:

WB, IHC, IF

Species Specificity:

human, rat

Cited Species:

human, rat

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

Positive Controls:

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

IP : Raji cells,

IHC : human appendicitis tissue, human tonsillitis tissue

IF/ICC : Raji cells,

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

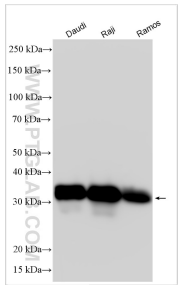
For technical support and original validation data for this product please contact:

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

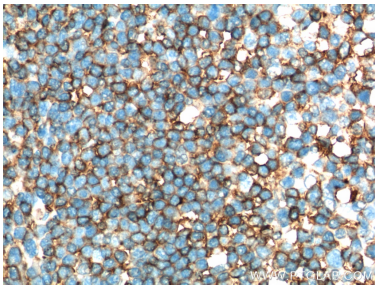
E: proteintech@ptglab.com
W: ptglab.com

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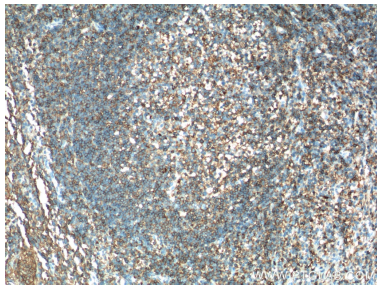
Selected Validation Data



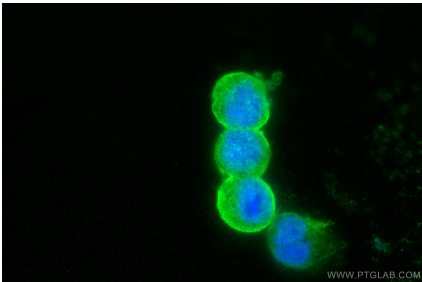
Various lysates were subjected to SDS PAGE followed by western blot with 17221-1-AP (HLA-DRA antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours.



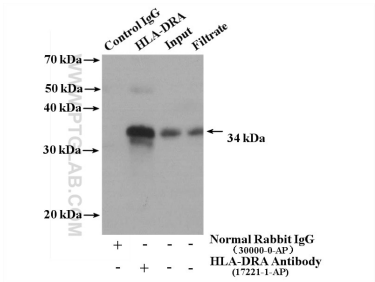
Immunohistochemical analysis of paraffin-embedded human tonsillitis tissue slide using 17221-1-AP (HLA-DRA Antibody) at dilution of 1:200 (under 40x lens).



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



Immunofluorescent analysis of (4% PFA) fixed Raji cells using HLA-DRA antibody (17221-1-AP) at dilution of 1:400 and CoraLite® 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).