

For Research Use Only

# HLA-DRB5 Polyclonal antibody

Catalog Number: 21702-1-AP

1 Publications



## Basic Information

### Catalog Number:

21702-1-AP

### Size:

150ul, Concentration: 240 ug/ml by Nanodrop and 173 ug/ml by Bradford method using BSA as the standard;

### Source:

Rabbit

### Isotype:

IgG

### Immunogen Catalog Number:

AG16307

### GenBank Accession Number:

BC009234

### GeneID (NCBI):

3127

### UNIPROT ID:

Q30154

### Full Name:

major histocompatibility complex, class II, DR beta 5

### Calculated MW:

266 aa, 30 kDa

### Observed MW:

30 kDa

### Purification Method:

Antigen affinity purification

### Recommended Dilutions:

WB: 1:500-1:1000

IHC: 1:200-1:800

IF-P: 1:50-1:500

## Applications

### Tested Applications:

WB, IHC, ELISA

### Cited Applications:

WB

### Species Specificity:

human, mouse, rat

### Positive Controls:

WB: HepG2 cells, HeLa cells, HL-60 cells, Raji cells

IHC: human tonsillitis tissue,

IF-P: human tonsillitis tissue,

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

## Notable Publications

Author	Pubmed ID	Journal	Application
Qidong Ye	38799252	Open Med (Wars)	WB

## Storage

### Storage:

Store at -20°C. Stable for one year after shipment.

### Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol, pH7.3

Aliquoting is unnecessary for -20°C storage

\*\*\* 20ul sizes contain 0.1% BSA

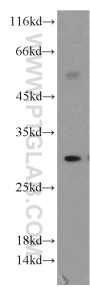
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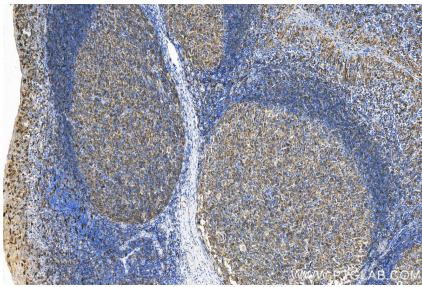
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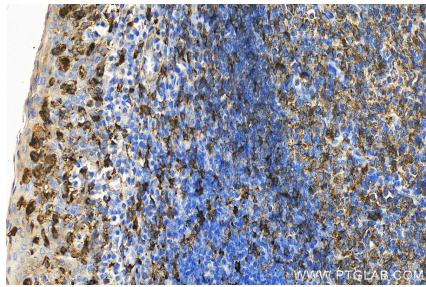
Selected Validation Data



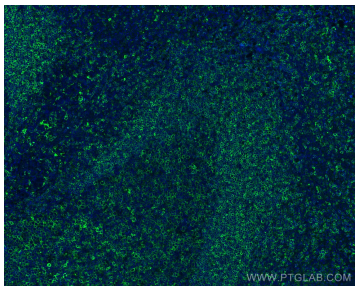
HepG2 cells were subjected to SDS PAGE followed by western blot with 21702-1-AP (HLA-DRB5 antibody) at dilution of 1:500 incubated at room temperature for 1.5 hours.



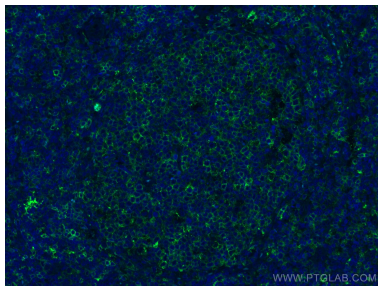
Immunohistochemical analysis of paraffin-embedded human tonsillitis tissue slide using 21702-1-AP (HLA-DRB5 antibody) at dilution of 1:400 (under 20x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



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Immunofluorescent analysis of (4% PFA) fixed paraffin-embedded human tonsillitis tissue using HLA-DRB5 antibody (21702-1-AP) at dilution of 1:200 and CoraLite®488-Conjugated Goat Anti-Rabbit IgG(H+L) (SA00013-2). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



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