

For Research Use Only

HLA-DRB5 Polyclonal antibody

Catalog Number: 21702-1-AP



Basic Information

Catalog Number: 21702-1-AP	GenBank Accession Number: BC009234	Purification Method: Antigen affinity purification
Size: 150ul , Concentration: 240 µg/ml by Nanodrop and 173 µg/ml by Bradford method using BSA as the standard;	GeneID (NCBI): 3127	Recommended Dilutions: WB 1:500-1:1000 IHC 1:20-1:200
Source: Rabbit	Full Name: major histocompatibility complex, class II, DR beta 5	
Isotype: IgG	Calculated MW: 266 aa, 30 kDa	
Immunogen Catalog Number: AG16307	Observed MW: 30 kDa	

Applications

Tested Applications: FC, IHC, WB, ELISA	Positive Controls: WB : HepG2 cells, HeLa cells, HL-60 cells, Raji cells
Species Specificity: human, mouse, rat	IHC : 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	

Background Information

Storage

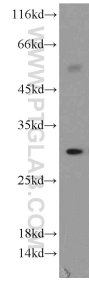
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

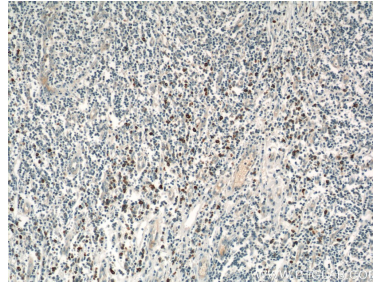
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

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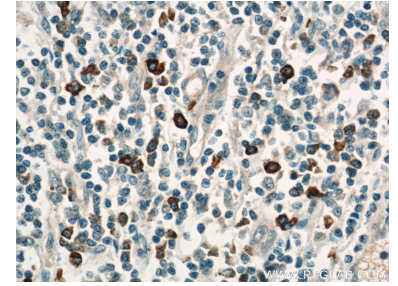
Selected Validation Data



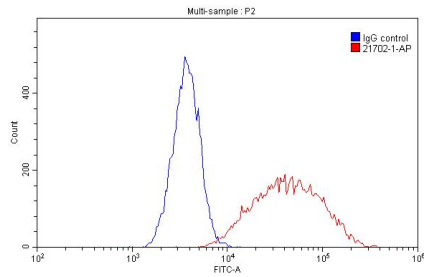
HepG2 cells were subjected to SDS PAGE followed by western blot with 21702-1-AP (HLA-DRB5 antibody) at dilution of 1:500 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human tonsillitis using 21702-1-AP (HLA-DRB5 antibody) at dilution of 1:50 (under 10x lens).



Immunohistochemical analysis of paraffin-embedded human tonsillitis using 21702-1-AP (HLA-DRB5 antibody) at dilution of 1:50 (under 40x lens).



1×10^6 Raji cells were stained with 0.20ug HLA-DRB5 antibody (21702-1-AP, red) and control antibody (blue). Fixed with 90% MeOH.