

For Research Use Only

HLA-DPA1 Polyclonal antibody

Catalog Number: 16109-1-AP **3 Publications**



Basic Information

Catalog Number: 16109-1-AP	GenBank Accession Number: BC009956	Purification Method: Antigen affinity purification
Size: 150ul , Concentration: 700 µg/ml by Nanodrop and 333 µg/ml by Bradford method using BSA as the standard;	GeneID (NCBI): 3113	Recommended Dilutions: WB 1:1000-1:4000 IHC 1:50-1:500
Source: Rabbit	Full Name: major histocompatibility complex, class II, DP alpha 1	
Isotype: IgG	Calculated MW: 260 aa, 29 kDa	
Immunogen Catalog Number: AG9031	Observed MW: 33 kDa	

Applications

Tested Applications:
FC, IHC, WB, ELISA

Cited Applications:
IF, WB

Species Specificity:
human, mouse, rat

Cited Species:
human, mouse

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 : Raji cells, mouse spleen tissue, rat spleen tissue

IHC : human tonsillitis tissue,

Background Information

Notable Publications

Author	Pubmed ID	Journal	Application
Wei Liu	36016933	Front Immunol	WB
Ke Shi	37899135	Aging (Albany NY)	WB
Ziteng Deng	37527767	Life Sci	WB,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**

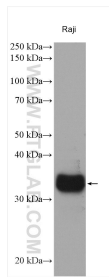
For technical support and original validation data for this product please contact:

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

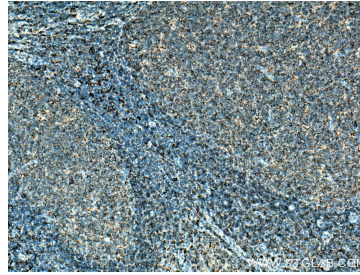
E: proteintech@ptglab.com
W: ptglab.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

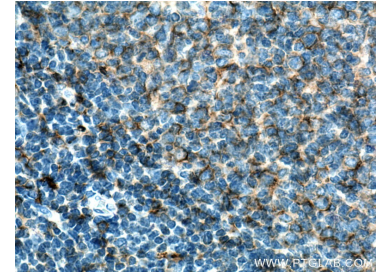
Selected Validation Data



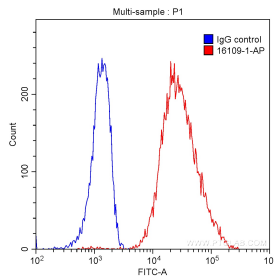
Raji cells were subjected to SDS PAGE followed by western blot with 16109-1-AP (HLA-DPA1 antibody) at dilution of 1:2000 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human tonsillitis tissue slide using 16109-1-AP (HLA-DPA1 antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded human tonsillitis tissue slide using 16109-1-AP (HLA-DPA1 antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



1×10^6 Raji cells were stained with 0.20 ug Anti-Human HLA-DPA1 (16109-1-AP) (red) or 0.20 ug control antibody (blue) and CoraLite®488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L) with dilution 1:1000. Cells were fixed with 90% MeOH.