

For Research Use Only

HLA-DRB4 Recombinant antibody, PBS Only

Catalog Number: 83103-1-PBS



Basic Information

Catalog Number:

83103-1-PBS

Size:

100ug, Concentration: 1mg/ml by Nanodrop;

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG8492

GenBank Accession Number:

BC005312

GeneID (NCBI):

3126

UNIPROT ID:

P13762

Full Name:

major histocompatibility complex, class II, DR beta 4

Calculated MW:

266 aa, 30 kDa

Observed MW:

30 kDa

Purification Method:

Protein A purification

CloneNo.:

230352F10

Applications

Tested Applications:

WB, IHC, IF/ICC, Indirect ELISA

Species Specificity:

human, pig

Storage

Storage:

Store at -80°C.

Storage Buffer:

PBS Only

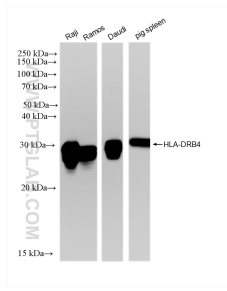
For technical support and original validation data for this product please contact:

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

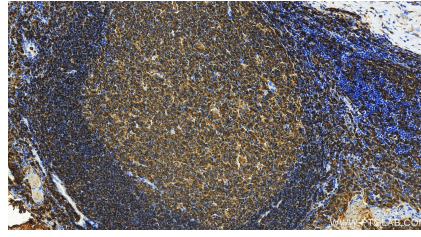
E: proteintech@ptglab.com
W: ptglab.com

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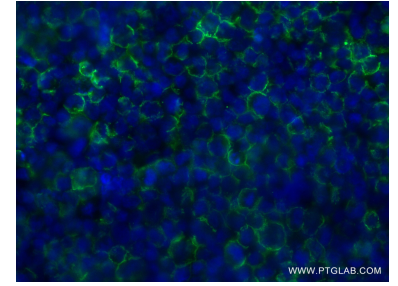
Selected Validation Data



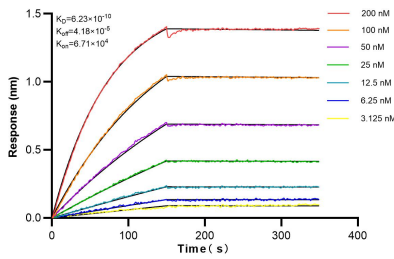
Various lysates were subjected to SDS PAGE followed by western blot with 83103-1-RR (HLA-DRB4 antibody) at dilution of 1:4000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 83103-1-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded human tonsillitis tissue slide using 83103-1-RR (HLA-DRB4 antibody) at dilution of 1:400 (under 20x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 83103-1-PBS in a different storage buffer formulation.



Immunofluorescent analysis of (4% PFA) fixed Raji cells using HLA-DRB4 antibody (83103-1-RR, Clone: 230352F10) at dilution of 1:200 and CoraLite®488-Conjugated Goat Anti-Rabbit IgG(H+L) (SA00013-2). This data was developed using the same antibody clone with 83103-1-PBS in a different storage buffer formulation.



Biolayer interferometry (BLI) kinetic assays of 83103-1-RR against Human HLA-DRB4 were performed. The affinity constant is 0.623 nM.