

For Research Use Only

IL-1RA Recombinant antibody

Catalog Number: 83335-4-RR



Basic Information

Catalog Number: 83335-4-RR	GenBank Accession Number: NM_031167.5	Purification Method: Protein A purification
Size: 100ul , Concentration: 1000 ug/ml by Nanodrop;	GeneID (NCBI): 16181	CloneNo.: 240208G5
Source: Rabbit	UNIPROT ID: Q542W1	Recommended Dilutions: WB 1:5000-1:50000 IHC 1:50-1:500
Isotype: IgG	Full Name: interleukin 1 receptor antagonist	
	Calculated MW: 18KD	
	Observed MW: 18 kDa	

Applications

Tested Applications: WB, IHC, ELISA	Positive Controls:
Species Specificity: mouse	WB : mouse skin tissue, IHC : mouse skin 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

The interleukin-1 receptor antagonist (IL-1RN) belongs to the IL-1 family. L1RN is a protein that binds to IL1 receptors, and inhibits the binding of IL1-alpha and IL1-beta.

Storage

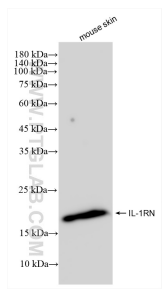
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

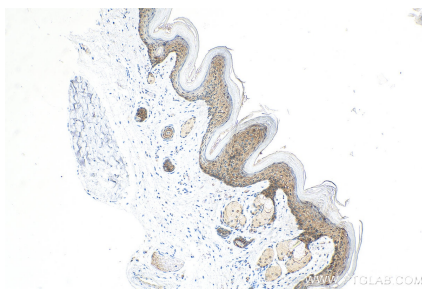
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

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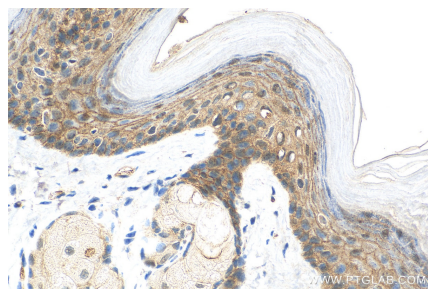
Selected Validation Data



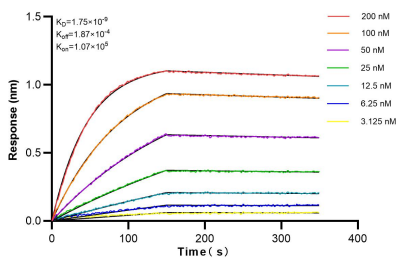
mouse skin tissue were subjected to SDS PAGE followed by western blot with 83335-4-RR (IL-1RN antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded mouse skin tissue slide using 83335-4-RR (IL-1RN 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 mouse skin tissue slide using 83335-4-RR (IL-1RN antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Biolayer interferometry (BLI) kinetic assays of 83335-4-RR against Mouse IL-1RN were performed. The affinity constant is 1.75 nM.