

For Research Use Only

# IL-1RA Polyclonal antibody

Catalog Number: 10844-1-AP **3 Publications**



## Basic Information

<b>Catalog Number:</b> 10844-1-AP	<b>GenBank Accession Number:</b> BC009745	<b>Purification Method:</b> Antigen affinity purification
<b>Size:</b> 750 µg/ml	<b>GeneID (NCBI):</b> 3557	<b>Recommended Dilutions:</b> WB 1:200-1:1000 IHC 1:50-1:500 IF 1:50-1:500
<b>Source:</b> Rabbit	<b>UNIPROT ID:</b> P18510	
<b>Isotype:</b> IgG	<b>Full Name:</b> interleukin 1 receptor antagonist	
<b>Immunogen Catalog Number:</b> AG1277	<b>Calculated MW:</b> 20 kDa	
	<b>Observed MW:</b> 18-20 kDa	

## Applications

<b>Tested Applications:</b> WB, IF/ICC, FC, IHC, ELISA	<b>Positive Controls:</b> WB : A431 cells, IHC : human oesophagus tissue, human colon tissue, human colon cancer tissue, human stomach tissue IF : A431 cells,
<b>Cited Applications:</b> WB, IF	
<b>Species Specificity:</b> human	
<b>Cited Species:</b> human, mouse	
<b>Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0</b>	

## Background Information

### Notable Publications

Author	Pubmed ID	Journal	Application
J Zhang	28733866	Clin Transl Oncol	WB
Yanli Ma	37638046	Front Immunol	IF
Santosh Kumar	38058997	NeuroImmune Pharm Ther	WB

## 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

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

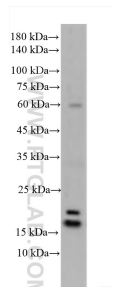
T: 4006900926

E: Proteintech-CN@ptglab.com

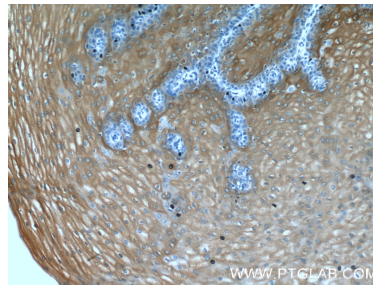
W: ptgcn.com

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

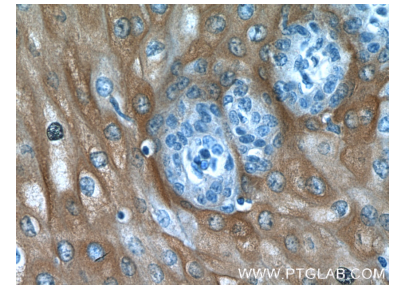
## Selected Validation Data



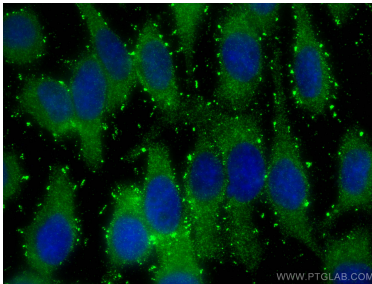
Various lysates were subjected to SDS PAGE followed by western blot with 10844-1-AP (IL-1RA antibody) at dilution of 1:300 incubated at room temperature for 1.5 hours.



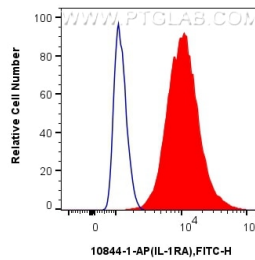
Immunohistochemical analysis of paraffin-embedded human oesophagus tissue slide using 10844-1-AP (IL1RA antibody at dilution of 1:200 (under 10x lens).



Immunohistochemical analysis of paraffin-embedded human oesophagus tissue slide using 10844-1-AP (IL1RA antibody at dilution of 1:200 (under 40x lens).



Immunofluorescent analysis of (-20°C Methanol) fixed A431 cells using IL-1RA antibody (10844-1-AP) at dilution of 1:200 and CoraLite®488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).



1X10<sup>6</sup> A431 cells were intracellularly stained with 0.4 ug Anti-Human IL-1RA (10844-1-AP) and CoraLite®488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L) at dilution 1:1000 (red), or 0.4 ug Rabbit IgG control Rabbit PolyAb (30000-O-AP, Clone: ) (blue). Cells were fixed with 4% PFA and permeabilized with Flow Cytometry Perm Buffer (PF00011-C).