

# IL-1RA Polyclonal antibody

Catalog Number: 10844-1-AP

3 Publications

## Basic Information

## Catalog Number:

10844-1-AP

## Size:

150ul , Concentration: 400 µg/ml by Nanodrop and 293 µg/ml by Bradford method using BSA as the standard;

## Source:

Rabbit

## Isotype:

IgG

## Immunogen Catalog Number:

AG1277

## GenBank Accession Number:

BC009745

## GeneID (NCBI):

3557

## UNIPROT ID:

P18510

## Full Name:

interleukin 1 receptor antagonist

## Calculated MW:

20 kDa

## Observed MW:

18-20 kDa

## Purification Method:

Antigen affinity purification

## Recommended Dilutions:

WB 1:200-1:1000

IHC 1:50-1:500

IF 1:50-1:500

## Applications

## Tested Applications:

WB, IF, FC, IHC, ELISA

## Cited Applications:

WB, IF

## Species Specificity:

human

## 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 : A431 cells,

IHC : human oesophagus tissue, human colon tissue, human colon cancer tissue, human stomach tissue

IF : A431 cells,

## 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

\*\*\* 20ul sizes contain 0.1% BSA

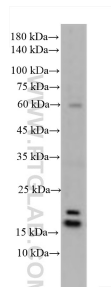
For technical support and original validation data for this product please contact:

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

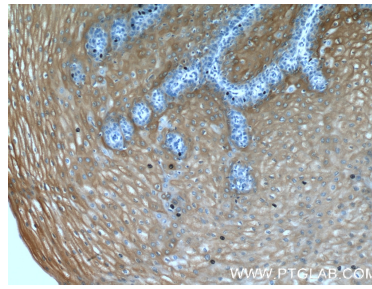
E: [proteintech@ptglab.com](mailto:proteintech@ptglab.com)  
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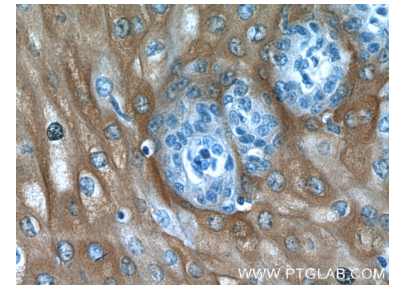
## Selected Validation Data



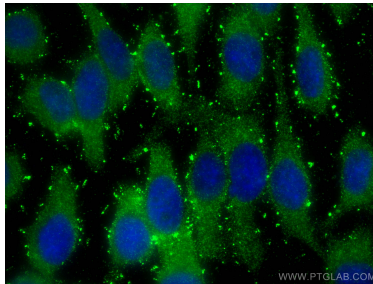
Various lysates were subjected to SDS PAGE followed by western blot with 10844-1-AP (IL-1RA antibody) at dilution of 1:300 incubated at room temperature for 1.5 hours.



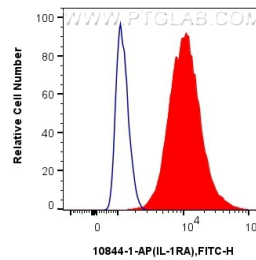
Immunohistochemical analysis of paraffin-embedded human oesophagus tissue slide using 10844-1-AP (IL1RA antibody at dilution of 1:200 (under 10x lens).



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).