

**Product Name: IL-1 Receptor Antagonist Protein Rabbit**  
**Monoclonal antibody**  
**Catalog #: AMRe02152**

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## Summary

<b>Production Name</b>	IL-1 Receptor Antagonist Protein Rabbit Monoclonal antibody
<b>Description</b>	Recombinant Rabbit Monoclonal antibody
<b>Host</b>	Rabbit
<b>Application</b>	WB,IHC-F,IHC-P,ICC/IF,IP
<b>Reactivity</b>	Human,Mouse

## Performance

<b>Conjugation</b>	Unconjugated
<b>Modification</b>	Unmodified
<b>Isotype</b>	IgG
<b>Clonality</b>	Monoclonal Antibody
<b>Form</b>	Liquid
<b>Storage</b>	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
<b>Buffer</b>	50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% BSA
<b>Purification</b>	Affinity Purified

## Immunogen

<b>Gene Name</b>	IL1RN
<b>Alternative Names</b>	IL-1 Receptor Antagonist Protein; DIRA; IRAP; IL1F3; IL1RA; MVCD4; IL-1RN; IL-1ra; IL-1ra3; ICIL-1RA
<b>Gene ID</b>	3557
<b>SwissProt ID</b>	P18510.

## Application

<b>Dilution Ratio</b>	WB: 1:500-1:1000 IHC: 1:50-1:100 IF: 1:50-1:200 IP: 1:20
<b>Molecular Weight</b>	Calculated MW: 20 kDa; Observed MW: 20 kDa

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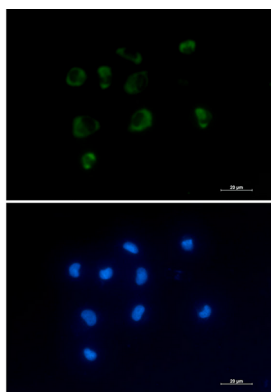
## Background

Interleukin-1 (IL-1) is a key pro-inflammatory cytokine that has diverse actions in the brain as a regulator of host defense responses and a mediator of inflammation. Inhibits the activity of interleukin-1 by binding to receptor IL1R1 and preventing its association with the coreceptor IL1RAP for signaling. Has no interleukin-1 like activity.

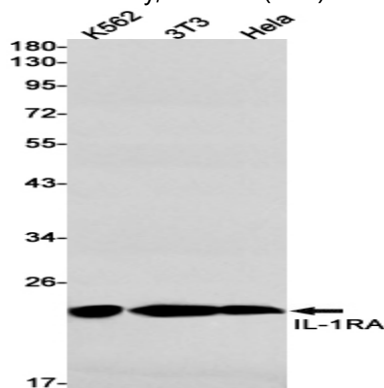
## Research Area

Immunology

## Image Data



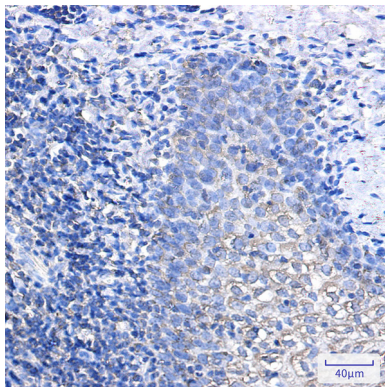
Immunocytochemistry analysis of IL 1 Receptor Antagonist Protein (green) in HEPG2 using IL 1 Receptor Antagonist Protein antibody, and DAPI (blue).



Western blot analysis of IL-1RA in K562, 3T3, HeLa lysates using IL-1RA antibody.

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Immunohistochemistry analysis of paraffin-embedded Human tonsil using IL-1RA antibody. High-pressure and temperature Sodium Citrate pH 6.0 was used for antigen retrieval.

### **Note**

For research use only.