

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

For research use only.

Summary

Description	Recombinant rabbit monoclonal antibody
Host	Rabbit
Application	WB,IHC,ICC/IF,IP
Reactivity	Human,Mouse
Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG
Clonality	Monoclonal Antibody
Form	Liquid
Concentration	0.13mg/ml. The concentration of this product may be batch-dependent.
Storage	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
Shipping	Ice bags
Buffer	50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% protective protein
Purification	Affinity Purified

Application

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

Antigen Information

Gene Name	IL1RN
Alternative Names	IL-1 Receptor Antagonist Protein; DIRA; IRAP; IL1F3; IL1RA; MVCD4; IL-1RN; IL-1ra; IL-1ra3; ICIL-1RA
Gene ID	3557
SwissProt ID	P18510
Immunogen	A synthetic peptide of human IL1RA

Background

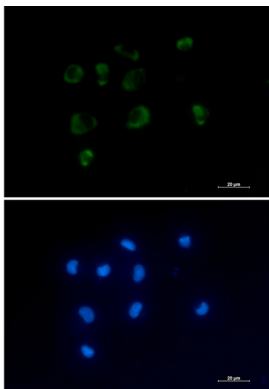
Interleukin-1 (IL-1) is a key pro-inflammatory cytokine that has diverse actions in the brain as a regulator of host defense

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.

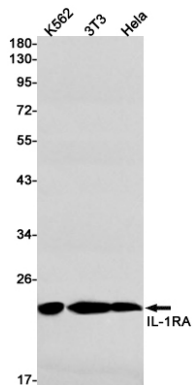
Research Area

Immunology

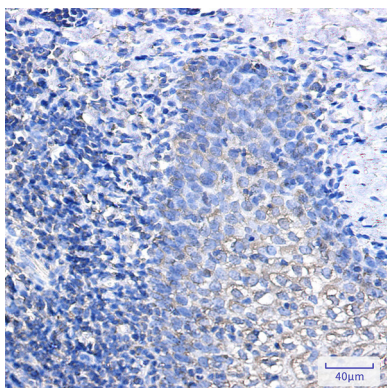
Image Data



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.



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.