

Recombinant IL-1RA Monoclonal Antibody

catalog number: **AN301912L**

Note: Centrifuge before opening to ensure complete recovery of vial contents.

Description

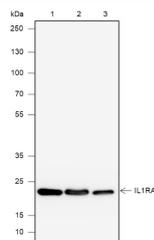
Reactivity	Human;Mouse
Immunogen	Recombinant human IL-1RA fragment
Host	Rabbit
Isotype	IgG, κ
Clone	A628
Purification	Protein A purified
Buffer	PBS, 50% glycerol, 0.05% Proclin 300, 0.05% protein protectant.

Applications

Recommended Dilution

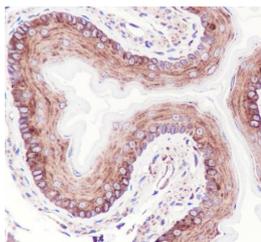
WB	1:1000-1:2000
IHC	1:50-1:200
IF	1:50-1:100

Data

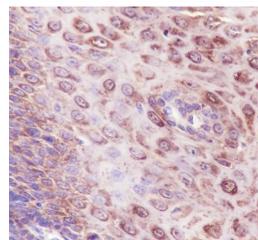


Western Blot with IL-1RA Monoclonal Antibody at dilution of 1:2000. Lane 1: HeLa, Lane 2: SW480, Lane 3: NIH/3T3

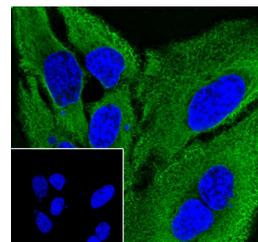
Observed-MW:22 kDa
Calculated-MW:20 kDa



Immunohistochemistry of paraffin-embedded Mouse esophagus using IL-1RA Monoclonal Antibody at dilution of 1:200.



Immunohistochemistry of paraffin-embedded Human esophagus using IL-1RA Monoclonal Antibody at dilution of 1:200.



Immunofluorescent analysis of (100% Ice-cold methanol) fixed HeLa cells using anti-IL-1RA Monoclonal Antibody at dilution of 1:100.

Preparation & Storage

Storage	Store at -20°C Valid for 12 months. Avoid freeze / thaw cycles.
Shipping	Ice bag

Background

For Research Use Only

The founding members of the interleukin-1 (IL-1) superfamily include pro-inflammatory cytokines IL-1 α , IL-1 β and IL-1 receptor antagonist (IL-1RA). At least six similar proteins have been recently identified, including a homolog of IL-1RA (IL1F5). IL-1a, IL-1b and IL-1RA are mainly expressed in macrophages, monocytes, and dendritic cells. IL-1RA acts as an anti-inflammatory cytokine, binding the IL-1 receptor to limit the response to inflammation. Because it plays a key role in regulating the inflammatory response, recombinant IL-1RA is a therapeutic agent used in the treatment of diseases such as rheumatoid arthritis. Alternatively, mutation of the corresponding IL-1RA gene may be associated with susceptibility to the development of specific cancers.

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