

## Anti-IL-1RA Rabbit mAb

Purified Recombinant Rabbit Monoclonal Antibody

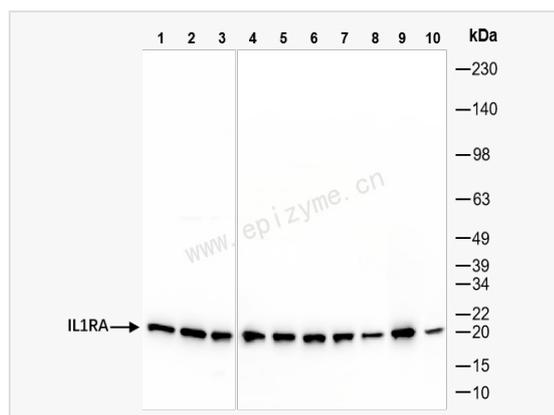
Catalog # R015911

### Product Information

Application	WB, ELISA
Reactivity	Human, Mouse, Rat
Dilution	WB 1:1,000~1:2,000
Host	Rabbit
Clonality	Monoclonal
Clone No.	87J84C73
Isotype	IgG
Label	Unconjugated
Immunogen	A synthesized peptide derived from human IL1RA
Format	Affinity purified monoclonal antibody supplied in PBS with 0.02% sodium azide and 50% glycerol, pH 7.3.
Storage	Shipped on wet ice. Store at -20°C. Stable for 24 months from date of receipt. Aliquoting is unnecessary for -20°C storage.
Precautions	Anti-IL-1RA Rabbit mAb [87J84C73] is for research use only and not for use in diagnostic or therapeutic procedures.

### Protein Information

Synonyms	IL1F3; IL1RA; IL1RN; Interleukin-1 receptor antagonist protein; IL-1RN; IL-1ra; IRAP; ICIL-1RA; IL1 inhibitor.
Calculated MW	Calculated MW: 20 kDa; Observed MW: 20 kDa
Uniprot ID	P18510
Gene ID	3557
Background	The protein encoded by this gene is a member of the interleukin 1 cytokine family. This protein inhibits the activities of interleukin 1, alpha (IL1A) and interleukin 1, beta (IL1B), and modulates a variety of interleukin 1 related immune and inflammatory responses. This gene and five other closely related cytokine genes form a gene cluster spanning approximately 400 kb on chromosome 2. A polymorphism of this gene is reported to be associated with increased risk of osteoporotic fractures and gastric cancer. Several alternatively spliced transcript variants encoding distinct isoforms have been reported. [provided by RefSeq, Jan 2016]
Cellular Location	Isoform 1.Secreted.Isoform 2.Cytoplasm.Isoform 3.Cytoplasm.Isoform 4.Cytoplasm.
Tissue Location	The intracellular form of IL1RN is predominantly expressed in epithelial cells.



Western Blot - Anti-IL-1RA Rabbit mAb [87J84C73]

All lanes: R015911 at 1:1,000 dilution

Lane 1: Ball-1 (Human B lymphocyte acute leukemia cell) whole cell lysates

Lane 2: K562 (Human chronic myeloid leukemia cell) whole cell lysates

Lane 3: U87 (Human malignant glioblastoma epithelial cells) whole cell lysates

Lane 4: SH-SY5Y (Human neuroblastoma epithelial cell) whole cell lysates

Lane 5: Raw264.7 (Mouse mononuclear macrophage leukemia cell) whole cell lysates

Lane 6: Mouse liver whole tissue lysates

Lane 7: Mouse liver whole tissue lysates (LPS stimulated)

Lane 8: Mouse spleen whole tissue lysates

Lane 9: Mouse embryo-like whole tissue lysates

Lane 10: Rat liver whole tissue lysates

Lysates/proteins at 10  $\mu$ g per lane.

Secondary antibody: Goat Anti-Rabbit IgG (H+L), HRP Conjugated (Cat. No. LF102) at 1:5,000 dilution

Predicted band size: 20 kDa

Observed band size: 20 kDa

Developed using the ECL technique (Cat. No. SQ201).