

## Anti-IL-1 beta Rabbit pAb

Purified Rabbit Polyclonal Antibody

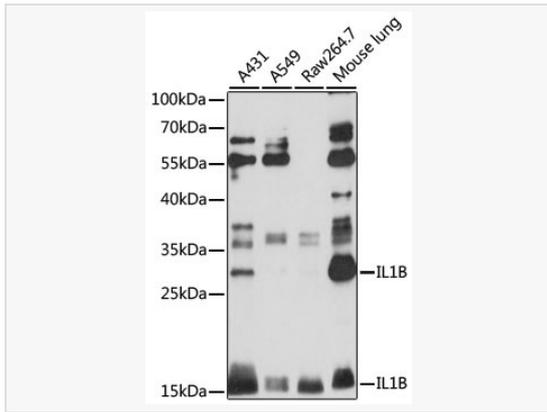
Catalog # P012728

### Product Information

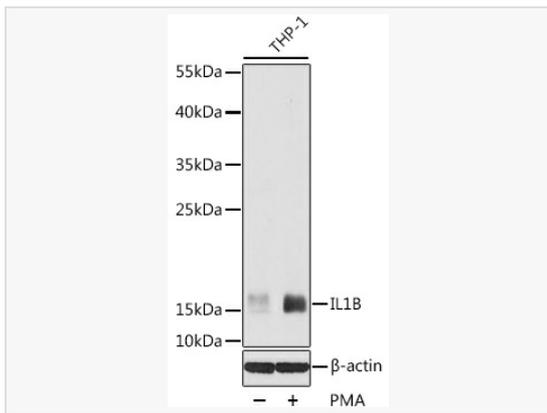
Application	WB, IHC-P/IF (Tissue-P), ICC/IF (Cell), ELISA
Reactivity	Human, Mouse, Rat
Dilution	WB 1:500~1:1,000; IHC-P 1:50~1:100; IF 1:50~1:200
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Label	Unconjugated
Immunogen	A synthetic peptide of human IL1B.Email for sequence
Format	Buffer System: Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide, pH 7.3. Purification: Affinity Purified.
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-1 beta antibody is for research use only and not for use in diagnostic or therapeutic procedures.

### Protein Information

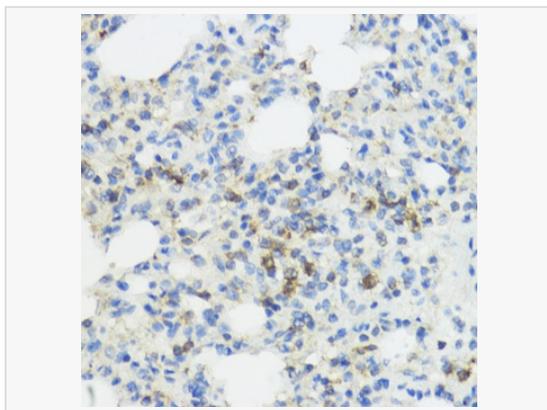
Synonyms	IL1B, IL1F2, Interleukin-1 beta, IL-1 beta, Catabolin.
Calculated MW	Calculated MW: 31 kDa; Observed MW: 17,31 kDa
Uniprot ID	P01584
Gene ID	3553
Background	Produced by activated macrophages, IL-1 stimulates thymocyte proliferation by inducing IL-2 release, B-cell maturation and proliferation, and fibroblast growth factor activity. IL-1 proteins are involved in the inflammatory response, being identified as endogenous pyrogens, and are reported to stimulate the release of prostaglandin and collagenase from synovial cells.



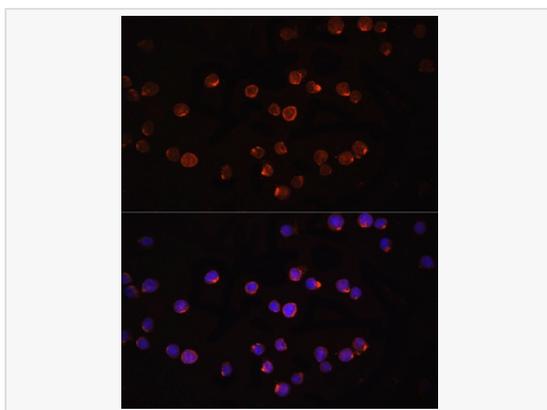
Western blot analysis of IL-1 beta in various cell lines lysates using IL-1B antibody.



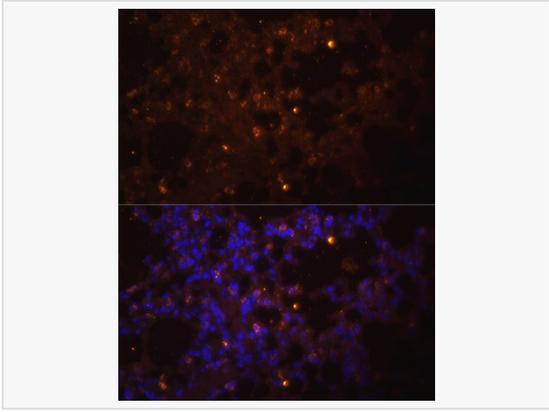
Western blot analysis of IL-1 beta in THP-1 lysates using IL-1B antibody.



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



Immunofluorescence analysis of IL-1 beta in THP-1 cells using IL-1B antibody and DAPI (blue) .



Immunofluorescence analysis of IL-1 beta in mouse lung using IL-1B antibody and DAPI (blue) .