

## IL-1 BETA RABBIT PAB

**Cat.#:** N226086

**Product Name:** Anti-IL-1 beta Rabbit pAb

**Synonyms:** IL1B; IL1F2; Interleukin-1 beta; IL-1 beta; Catabolin

**UNIPROT ID:** P01584

**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.

**Immunogen:** A synthetic peptide of human IL1B. Email for sequence

**Applications:** WB, IHC-P, ICC/IF

**Recommended Dilutions:** WB: 1/500-1/1000 IHC: 1/50-1/100 IF: 1/50-1/200

**Host Species:** Rabbit

**Clonality:** Rabbit Polyclonal

**Clone ID:** -

**MW:** Calculated MW: 31 kDa; Observed MW: 17,31 kDa

**Isotype:** IgG

**Purification:** Affinity Purified

**Species Reactivity:** Human, Mouse, Rat

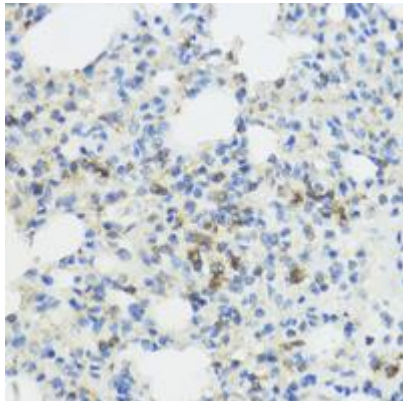
**Conjugation:** Unconjugated

**Modification:** Unmodified

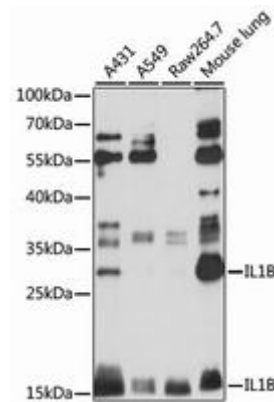
**Constituents:** PBS (without Mg<sup>2+</sup> and Ca<sup>2+</sup>), pH 7.3 containing 50% glycerol, 0.5% BSA and 0.02% sodium azide

**Research Areas:** Immunology

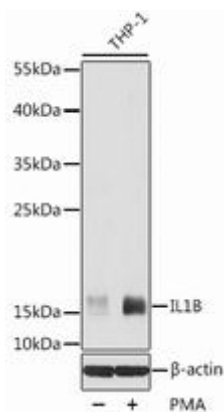
**Storage & Shipping:** Store at -20°C. Avoid repeated freezing and thawing



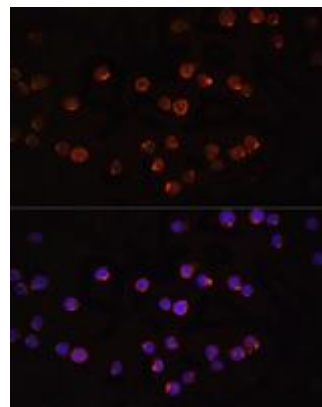
Immunohistochemistry analysis of paraffin-embedded rat lung using IL-1B antibody. High-pressure and temperature Sodium Citrate pH 6.0 was used for antigen retrieval.



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.



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