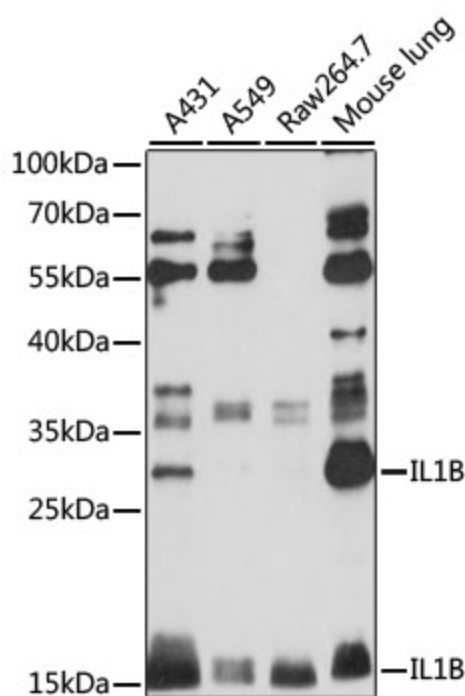
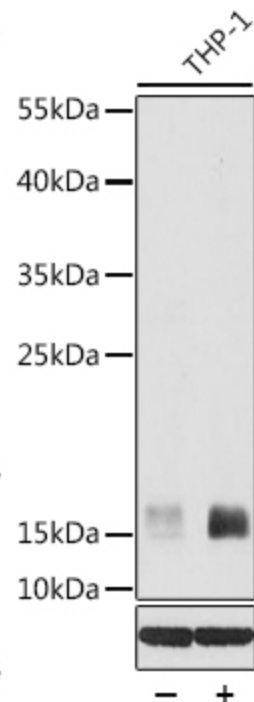


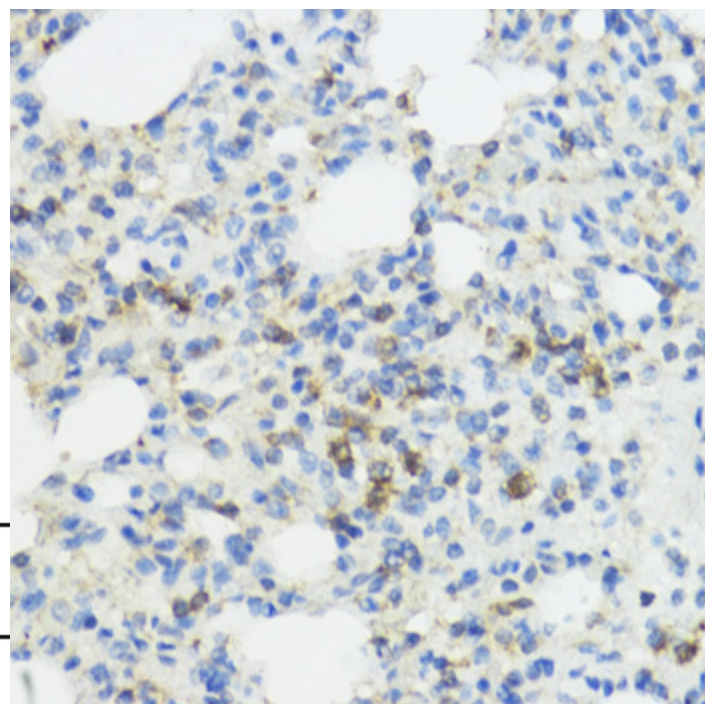
Product name:	IL-1 beta Rabbit Monoclonal Antibody
Cat number:	MABN03408
Conjugate:	Unconjugated
Size:	100 ug
Clone:	D3U3E
Concentration:	1mg/ml
Host:	Rabbit
Isotype:	IgG
Immunogen:	Recombinant protein of human IL1 beta
Reactivity:	Human, Mouse, Rat
Applications:	WB 1:500-1:1000, IHC 1:50-1:100, ICC/IF 1:50-1:200
Molecular Weight:	Calculated MW: 31 kDa; Observed MW: 17 kDa Mature Form, 31 kDa Precursor Form
Purification:	Affinity Purification
Form:	Liquid
Buffer:	Liquid in PBS containing 50% glycerol, 0.5% protective protein and 0.02% sodium azide, pH 7.3.
Storage:	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
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.



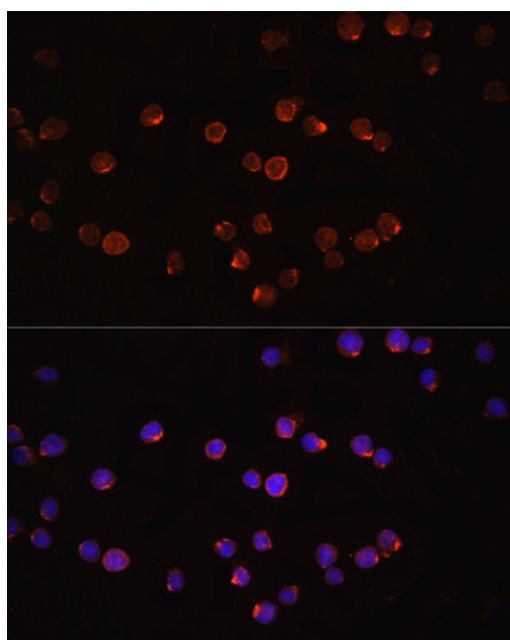
Western blot analysis of IL-1 beta in various cell lines lysates using IL-1B antibody.



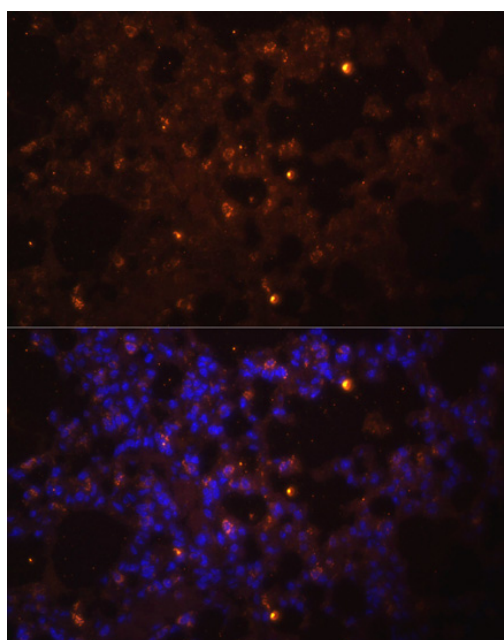
Western blot analysis of IL-1 beta in THP-1 lysates using IL-1B antibody.



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).