

IL1b

Rabbit Anti-Mouse IL-1 beta Affinity Purified pAb

Catalog No.	PA0422	Quantity:	100 µg
Alternate Names:	Interleukin-1-beta, IL1B, IL1-beta, IL-1 beta		
Description:	IL-1 beta is a proinflammatory cytokine produced in a variety of cells including monocytes, tissue macrophages, keratinocytes and other epithelial cells. Both IL-1 alpha and IL-1 beta bind to the same receptor and have similar if not identical biological properties. These cytokines have a broad range of activities including stimulation of thymocyte proliferation by inducing IL-2 release, B-cell maturation and proliferation, mitogenic FGF-like activity, and the ability to stimulate the release of prostaglandin and collagenase from synovial cells. However, whereas IL-1 beta is a secreted cytokine, IL-1 alpha is predominantly a cell-associated cytokine.		
Concentration:	0.5 mg/ml		
Gene ID:	16176		
Specificity:	Mouse IL-1 beta		
Host:	Rabbit		
Immunogen:	Recombinant mouse IL-1 beta		
Isotype:	IgG		
Formulation:	Phosphate buffered saline (PBS), pH 7.2 + 30% glycerol + 0.5% BSA + 0.01% thimerosal. Precaution: Thimerosal is a poisonous and hazardous substance which should be handled by trained staff only.		
Purification:	Biospecific affinity chromatography		
Applications:	Western Blot Neutralization		
Application Notes:	Western blot analysis (0.5-4 µg/ml). Recombinant mouse IL-1β can be used as a positive control. Per researcher's feedback, the antibody can also be used in neutralization studies. However, the optimal conditions should be determined individually.		
Storage & Stability:	Store at -20°C. For long term storage, aliquot and store at -20°C. Avoid repeated freeze-thaw cycles.		

Western blot analysis using recombinant mouse IL-1beta

Lane 1: 10 ng

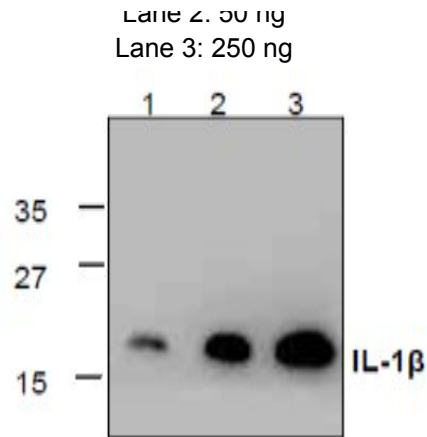
Lane 2: 50 ng



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