

Product datasheet for **TA319454**

IL1b Rabbit Polyclonal Antibody

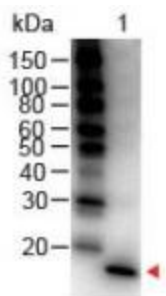
Product data:

Product Type:	Primary Antibodies
Applications:	WB
Recommended Dilution:	ELISA: 1:10,000-1:50,000, WB: 1:1,000-1:5,000, IHC: 1:500-1:2,500
Reactivity:	Mouse, Rat
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	This antibody was prepared by repeated immunizations with recombinant mouse IL-1 β produced in E.coli. The MW of recombinant mouse IL-1 β was 17 kDa.
Formulation:	0.02 M Potassium Phosphate, 0.15 M Sodium Chloride, pH 7.2
Conjugation:	Peroxidase
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Gene Name:	interleukin 1 beta
Database Link:	NP_032387 Entrez Gene 24494 Rat Entrez Gene 16176 Mouse P10749
Synonyms:	catabolin; IL-1; IL-1B; IL1-BETA; IL1F2; pro-interleukin-1-beta
Note:	IL-1 beta (also known as Interleukin-1 beta, IL-1 β and catabolin) is 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. IL-1 β is a monomeric secreted protein that may be released by damaged cells or is secreted by a mechanism differing from that used for other secretory proteins.



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Product images:



Western Blot of Rabbit anti-Mouse IL-1 Beta Antibody Peroxidase Conjugated Lane 1: Mouse IL-1 Beta Load: 50 ng per lane Secondary antibody: IL1 beta Antibody Peroxidase Conjugated at 1:1,000 for 30 min at RT Block: MB-070 for 30 min RT Predicted/Observed size: 18 kDa, 18 kDa