

IL1B

Armenian Hamster Anti-Mouse IL-1 beta Clone B122 LE/NA mAb

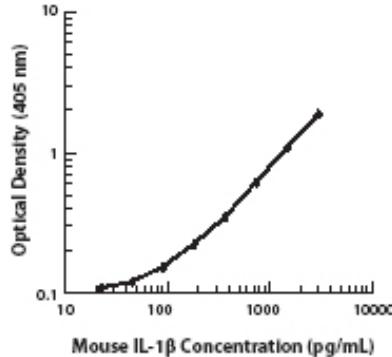
Catalog No.	CSI11577 CSI11578	Quantity:	50 µg 0.5 mg
Alternate Names:	Interleukin-1 β , Catabolin, Hematopoietin-1 (H1), IFN β -inducing factor, Interleukin- β , Osteoclast activating factor (OAF)(il-1b,il1b)		
Description:	IL-1 refers to two proteins, IL-1 α and IL-1 β which are the products of distinct genes, but which are recognized by the same cell surface receptors. IL-1 β is a potent immuno-modulator which mediates a wide range of immune and inflammatory responses including the activation of B and T cells. The B122 antibody reacts with the precursor and mature secreted forms of mouse IL-1 β . This antibody also recognizes rat IL-1 β . The B122 antibody can neutralize the bioactivity of natural or recombinant IL-1 β .		
Concentration:	1.0 mg/ml		
Gene ID:	16176		
Host:	Armenian Hamster		
Immunogen:	<i>E. coli</i> -expressed, recombinant mouse IL-1 β		
Isotype:	Armenian Hamster IgG		
Clone:	B122		
Bioactivity:	Stimulates T cells, B cells, proliferation/activation of NK cells, fibroblasts, thymocytes, glioblastoma cells, astroglia, microglia; monocyte transition from IL-1 β to IL-1 α when matured to macrophages.		
Formulation:	Phosphate-buffered solution, pH 7.2, containing no preservative. 0.2 µm filter sterilized. Endotoxin level is < 0.1 EU/µg of the protein (< 0.01 ng/µg of the protein) as determined by the LAL test.		
Purification:	The LE/NA (Low Endotoxin, Azide-Free) antibody was Purified by affinity chromatography.		
Reactivity:	Mouse, Rat		
Applications:	ELISA Capture, ELISPOT Capture, Depletion, IHC, IP, Neut, WB		
Recommended Usage:	Each lot of this antibody is quality control tested by ELISA assay. For ELISA capture applications, a concentration range of 2-6 µg/ml is recommended. To obtain a linear standard curve, serial dilutions of IL-1 β recombinant protein ranging from 2000 to 30 pg/ml are recommended for each ELISA plate. It is recommended that the reagent be		



titrated for optimal performance for each application.

Storage & Stability:

The antibody solution should be stored undiluted at 4 °C. This LE/NA solution contains no preservative; handle under aseptic conditions.



NOT FOR HUMAN USE. FOR RESEARCH ONLY. NOT FOR DIAGNOSTIC OR THERAPEUTIC USE.



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