

## IL1B

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

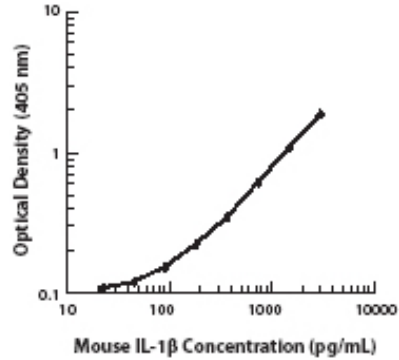
<b>Catalog No.</b>	CSI11577 CSI11578	<b>Quantity:</b>	50 µg 0.5 mg
<b>Alternate Names:</b>	Interleukin-1β, Catabolin, Hematopoietin-1 (H1), IFNβ-inducing factor, Interleukin-β, Osteoclast activating factor (OAF)(il-1b,il1b)		
<b>Description:</b>	IL-1 refers to two proteins, IL-1α and IL-1β which are the products of distinct genes, but which are recognized by the same cell surface receptors. IL-1β is a potent immunomodulator 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-1β. This antibody also recognizes rat IL-1β. The B122 antibody can neutralize the bioactivity of natural or recombinant IL-1β.		
<b>Concentration:</b>	1.0 mg/ml		
<b>Gene ID:</b>	16176		
<b>Host:</b>	Armenian Hamster		
<b>Immunogen:</b>	<i>E. coli</i> -expressed, recombinant mouse IL-1β		
<b>Isotype:</b>	Armenian Hamster IgG		
<b>Clone:</b>	B122		
<b>Bioactivity:</b>	Stimulates T cells, B cells, proliferation/activation of NK cells, fibroblasts, thymocytes, glioblastoma cells, astroglia, microglia; monocyte transition from IL-1β to IL-1α when matured to macrophages.		
<b>Formulation:</b>	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.		
<b>Purification:</b>	The LE/NA (Low Endotoxin, Azide-Free) antibody was Purified by affinity chromatography.		
<b>Reactivity:</b>	Mouse, Rat		
<b>Applications:</b>	ELISA Capture, ELISPOT Capture, Depletion, IHC, IP, Neut, WB		
<b>Recommended Usage:</b>	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-1β 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.**

