IL1B
Armenian Hamster Anti-Mouse IL-1 beta Clone B122 mAb

Catalog No.	CSI11575 CSI11576	**Quantity:**	50 µg 0.5 mg

Alternate Names: Interleukin-1β, Catabolin, Hematopoietin-1 (H1), IFNβ-inducing factor, Interleukin-β, Osteoclast activating factor (OAF)(il-1b,il1b)

Description: 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 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-1β. This antibody also recognizes rat IL-1β. The B122 antibody can neutralize the bioactivity of natural or recombinant IL-1β.

Concentration: 0.5 mg/ml

Gene ID: 16176

Host: Armenian Hamster

Immunogen: *E. coli* -expressed, recombinant mouse IL-1β

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-1β to IL-1α when matured to macrophages

Formulation: Phosphate-buffered solution, pH 7.2, containing 0.09% sodium azide. **Precaution:** Sodium azide is a poisonous and hazardous substance which should be handled by trained staff only.

Purification: The antibody was purified by affinity chromatography.

Reactivity: Mouse, Rat

Applications: ELISA Capture, IHC, IP, 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-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.

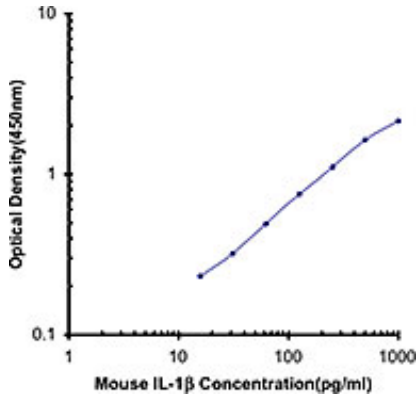
Storage & Stability:

Cell Sciences®
480 Neponset Street
Bldg 12A
Canton, MA 02021

Toll Free: 888-769-1246
Phone: 781-828-0610
Fax: 781-828-0542

E-mail: info@cellsciences.com
Website: www.cellsciences.com

The antibody solution should be stored undiluted at 4 °C. This LE/NA solution contains no preservative; handle under aseptic. **Avoid repeated freeze-thaw cycles.**



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

Cell Sciences®
480 Neponset Street
Bldg 12A
Canton, MA 02021

Toll Free: 888-769-1246
Phone: 781-828-0610
Fax: 781-828-0542

E-mail: info@cellsciences.com
Website: www.cellsciences.com