IL1A
Armenian Hamster Anti-Mouse IL-1 alpha Clone ALF-161 mAb

Catalog No.	CSI11781	**Quantity:**	0.5 mg

Alternate Names: Interleukin-1α, Lymphocyte-activating factor (LAF), Endogenous pyrogen (EP), Leukocyte endogenous mediator (LEM), Mononuclear cell factor (MCF/MNCF)(il-1a,il1a)

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-1α is a potent immuno-modulator which mediates a wide range of immune and inflammatory responses. The ALF-161 antibody reacts with precursor, secreted and membrane-associated forms of mouse IL-1α. The ALF-161 antibody can neutralize the bioactivity of natural or recombinant IL-1α.

Concentration: 0.5 mg/ml

Gene ID: 16175

Host: Armenian Hamster

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

Isotype: Armenian Hamster IgG

Clone: ALF-161

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

Applications: ELISA Capture

Recommended Usage: Each lot of this antibody is quality control tested by ELISA assay. For ELISA capture applications, a concentration range of 1-4 µg/ml is recommended. To obtain a linear standard curve, serial dilutions of IL-1α recombinant protein ranging from 250 to 2 pg/ml are recommended for each ELISA plate. It is recommended that the reagent be titrated for optimal performance for each application.

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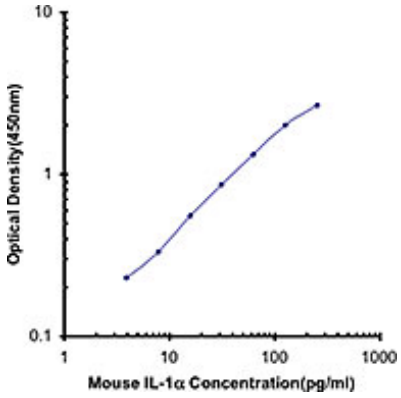
Storage & Stability: The antibody solution should be stored undiluted at 4°C.



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

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