

## IL1A

### Armenian Hamster Anti-Mouse IL-1 alpha Clone ALF-161 LE/NA mAb

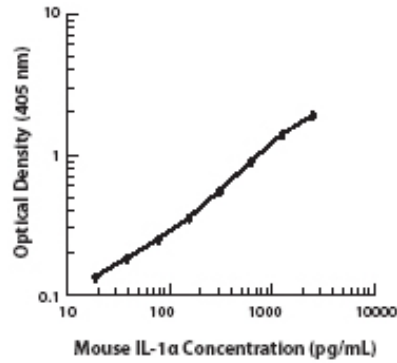
<b>Catalog No.</b>	CSI11783	<b>Quantity:</b>	0.5 mg
<b>Alternate Names:</b>	Interleukin-1 $\alpha$ , Lymphocyte-activating factor (LAF), Endogenous pyrogen (EP), Leukocyte endogenous mediator (LEM), Mononuclear cell factor (MCF/MNCF)(il-1a,il1a)		
<b>Description:</b>	IL-1 refers to two proteins, IL-1 $\alpha$ and IL-1 $\beta$ which are the products of distinct genes, but which are recognized by the same cell surface receptors. IL-1 $\alpha$ is a potent immunomodulator 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-1 $\alpha$ . The ALF-161 antibody can neutralize the bioactivity of natural or recombinant IL-1 $\alpha$ .		
<b>Concentration:</b>	1.0 mg/ml		
<b>Gene ID:</b>	16175		
<b>Host:</b>	Armenian Hamster		
<b>Immunogen:</b>	<i>E. coli</i> - expressed, recombinant mouse IL-1		
<b>Isotype:</b>	Armenian Hamster IgG		
<b>Clone:</b>	ALF-161		
<b>Bioactivity:</b>	Stimulates T cells, B cells, proliferation/activation of NK cells, fibroblasts, thymocytes, glioblastoma cells, astroglia, microglia; monocyte transition from IL-1 $\beta$ to IL-1 $\alpha$ when matured to macrophages		
<b>Formulation:</b>	Phosphate-buffered solution, pH 7.2, containing no preservative. 0.2 $\mu$ m filter sterilized. Endotoxin level is < 0.1 EU/ $\mu$ g of the protein (< 0.01 ng/ $\mu$ g 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		
<b>Applications:</b>	ELISA Capture, ELISPOT Capture, ICFC, 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 1-4 $\mu$ g/ml is recommended. To obtain a linear standard curve, serial dilutions of IL-1 $\alpha$ recombinant protein ranging from 250 to 2 $\mu$ g/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.



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