

## IL1B

### Mouse Anti-Human IL-1 beta Clone JK1B-1 mAb

<b>Catalog No.</b>	CSI10140 CSI10141	<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 immuno-modulator which mediates a wide range of immune and inflammatory responses including the activation of B and T cells. The JK1B-1 antibody reacts with human interleukin-1β (IL-1β) and baboon IL-1β. The JK1B-1 antibody does not recognize mouse IL-1β or human IL-1α or other cytokines. The JK1B-1 antibody can neutralize the bioactivity of natural or recombinant IL-1β.		
<b>Concentration:</b>	0.5 mg/ml		
<b>Gene ID:</b>	3553		
<b>Host:</b>	Mouse		
<b>Immunogen:</b>	Recombinant human IL-1 beta		
<b>Isotype:</b>	Mouse IgG1		
<b>Clone:</b>	JK1B-1		
<b>Bioactivity:</b>	Stimulates T cells, B cells, proliferation/activation of NK cells, fibroblasts, thymocytes, glioblastoma cells, astroglia, microglia		
<b>Formulation:</b>	Phosphate-buffered solution, pH 7.2, containing 0.09% sodium azide. <b>Precaution:</b> Sodium azide is a poisonous and hazardous substance which should be handled by trained staff only.		
<b>Purification:</b>	The antibody was purified by affinity chromatography.		
<b>Reactivity:</b>	Human, Cross-Reactivity: Baboon		
<b>Applications:</b>	ELISA Capture		
<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 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.		

#### Storage & Stability:

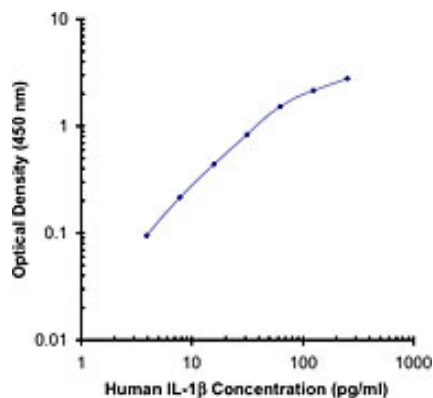


**Cell Sciences®**  
480 Neponset Street  
Bldg 12A  
Canton, MA 02021

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

E-mail: [info@cellsciences.com](mailto:info@cellsciences.com)  
Website: [www.cellsciences.com](http://www.cellsciences.com)

The antibody solution should be stored undiluted at 2-4°C. **Do not freeze.**



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](mailto:info@cellsciences.com)  
Website: [www.cellsciences.com](http://www.cellsciences.com)