

## IL-1 Alpha Monoclonal Antibody

### Description

Product type	Primary Antibody
Code	BT-MCA0767
Host	Mouse
Isotype	IgG
Size	50ul, 100ul
Immunogen	Purified recombinant fragment of human IL-1 $\alpha$ expressed in E. Coli.
Mol wt	N/A
Species reactivity	Human
Clonality	Monoclonal
Recommended application	WB, ELISA
Concentration	1 mg/ml
Full name	Interleukin-1 alpha
Synonyms	IL1A; IL1F1; Interleukin-1 alpha; IL-1 alpha; Hematopoietin-1

This product is for research use only, not for use in human, therapeutic or diagnostic procedure.

### Background

The protein encoded by this gene is a member of the interleukin 1 cytokine family. This cytokine is a pleiotropic cytokine involved in various immune responses, inflammatory processes, and hematopoiesis. This cytokine is produced by monocytes and macrophages as a proprotein, which is proteolytically processed and released in response to cell injury, and thus induces apoptosis. This gene and eight other interleukin 1 family genes form a cytokine gene cluster on chromosome 2. It has been suggested that the polymorphism of these genes is associated with rheumatoid arthritis and Alzheimer's disease.

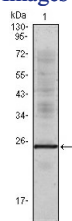
### Recommended Dilution

ELISA: 1:10000

WB: 1:500 - 1:2000

Not yet tested in other applications.

### Images



Western Blot analysis using IL-1Alpha Monoclonal antibody against truncated IL-1Alpha recombinant protein.

### Storage

-20°C for one year