

IL-1a Monoclonal Antibody

Description

Product type	Antibody
Code	BT-MCA2647
Host	Mouse
Isotype	Mouse IgG2a
Size	100µL, 50µL
Immunogen	Purified recombinant fragment of human IL1a expressed in E. Coli.
Mol wt	30.6kDa
Species reactivity	Human
Clonality	Monoclonal
Recommended application	Others
Concentration	N/A
Full name	N/A
Synonyms	IL1;IL-1A;IL1F1;IL1-ALPHA

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

Background

Interleukin-1alpha is a member of the interleukin 1 cytokine family. It 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. IL-1 alpha 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

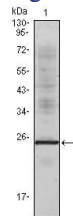
Recommended Dilution

WB: 1:500 - 1:2000

ELISA: 1:10000

Not yet tested in other applications.

Images



Western blot analysis using IL1a mouse mAb against truncated IL1a recombinant protein.

Storage

Store at 4°C short term. Aliquot and store at -20°C long term.