

Anti-IL-1 alpha/IL1A Antibody (Monoclonal, 34I98)

Catalog Number: M01144-6

About Il1a

Interleukin-1alpha (IL-1 alpha) is a protein that plays a crucial role in the regulation of a number of key cellular processes. IL-1 Alpha is a cytokine and a potent mediator of body's response to inflammation, microbial invasion, tissue injury and immunological response. In addition, recent studies suggest that IL-1 Alpha also has a role in wound healing, rheumatoid arthritis, Alzheimer's disease and tumor growth. IL-1 Alpha functions as an alarmin during the process of sterile inflammation. It serves as a signal from dying cells to potentiate the inflammatory response, increasing the expression of other secreted factors like IL-6 and IL-8. IL-1 Alpha was found to affect the cell cycle of osteosarcoma cell to reduce cell growth. IL-1 Alpha is initially translated as approximately 30-kD polypeptides that are processed to approximately 17.5-kD polypeptides prior to, or during, release from macrophages.

Overview

Product Name	Anti-IL-1 alpha/IL1A Antibody (Monoclonal, 34I98)
Reactive Species	Mouse
Description	Boster Bio Anti-IL-1 alpha/IL1A Antibody (Monoclonal, 34I98) catalog # M01144-6. Tested in WB applications. This antibody reacts with Mouse.
Application	WB
Clonality	Monoclonal 34I98
Formulation	Rabbit IgG in stabilizing components, phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol. This antibody is supplied in a stabilized formulation. Compatibility with conjugation reactions depends on the chemistry of the conjugation method used. For conjugation methods that are not compatible with the stabilizing components present in this formulation, a carrier-free antibody format is required.
Storage Instructions	Store at -20°C for one year. For short term storage and frequent use, store at 4°C for up to one month. Avoid repeated freeze-thaw cycles.
Host	Rabbit
Uniprot ID	P01582

Technical Details

Immunogen	Recombinant protein within mouse IL-1 alpha aa 117-268.
Form	Liquid
Concentration	500 ug/ml
Purification	Protein A affinity purified.

Suggested Dilutions

Western blot, 1:500-2000

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Anti-IL-1 alpha/IL1A Antibody (Monoclonal, 34198)

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