

## Mouse Monoclonal Antibody to IL-1a

Catalogue Number	sAP-0010
Target Molecule	<b>Name: IL-1a</b> <b>Aliases:</b> IL1; IL-1A; IL1F1; IL1-ALPHA <b>MW: 30.6kDa</b> <b>Entrez Gene ID: 3552</b>
Description	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
Immunogen	Purified recombinant fragment of human IL1a expressed in E. Coli.
Recombinant Species	Human;
Clone	MM3A6F11;
Size and Concentration	100µg/1mg/ml
Supplied as	Lyophilized Powder from 100µl of Ascitic fluid containing 0.03% sodium azide.
Reconstitution/Storages	Reconstituted with 100µl sterile DI H <sub>2</sub> O, at stored at 4°C or -20°C for short or long term storage
Applications	ELISA: 1 to 10000; WB: 1 to 500 - 1 to 2000
Shipping	Regular FEDEX overnight shipment (ambient temperature)
Reference	1. Du,Y.; et al. 2000. Neurology 55: 480-484. ; 2. Grimaldi, L. et al. Ann. Neurol. 47: 361-365, 2000.

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**