

## Mouse Monoclonal Antibody to IL-6

Catalogue Number	sAP-0021
Target Molecule	<b>Name:</b> IL-6 <b>Aliases:</b> HGF; HSF; BSF2; IL-6; IFNB2 <b>MW:</b> N/A <b>Entrez Gene ID:</b> 3569
Description	Interleukine 6 (IL-6) is a cytokine produced primarily by stimulated monocytes, fibroblasts and epithelial cells. It has a wide variety of biological functions through activating a cell surface signaling assembly composed of IL6, IL6RA, and the shared signaling receptor gp130. The cytokine plays an essential role in the final differentiation of b-cells into Ig-secreting cells, and induces myeloma, plasmacytoma growth, nerve cells differentiations. In addition, IL-6 is an important regulator of acute phase reaction.
Immunogen	Purified recombinant fragment of human IL-6 expressed in E. Coli.
Reactive Species	Human
Clone	MM6D9A1;
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. Ota, N. et al. 2001. J. Hum. Genet. 46: 267-272.

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**