

<b>Product name:</b>	IL-6 Mouse Monoclonal Antibody
<b>Cat number:</b>	MABN80512
<b>Conjugate:</b>	Unconjugated
<b>Size:</b>	100µL
<b>Clone:</b>	Monoclonal
<b>Concentration:</b>	1mg/ml
<b>Host:</b>	Mouse
<b>Isotype:</b>	Mouse IgG1
<b>Immunogen:</b>	Purified recombinant fragment of human IL-6 expressed in E. Coli.
<b>Reactivity:</b>	Human,Mouse,Rat,Monkey
<b>Applications:</b>	WB 1:500-1:2000,ELISA 1:5000-1:20000
<b>Molecular Weight:</b>	Calculated MW: 24 kDa; Observed MW: 24 kDa
<b>Purification:</b>	Affinity Purification
<b>Form:</b>	Liquid
<b>Buffer:</b>	Purified antibody in PBS with 0.05% sodium azide.
<b>Storage:</b>	Store at 4°C short term. Aliquot and store at -20°C for 12 months. Avoid freeze/thaw cycles.
<b>Background:</b>	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.