

II6

Rat Anti-Mouse IL-6 (Clone MP5-20F3) mAb

Catalog No.	MON5073	Quantity:	100 µg
Alternate Names:	Interleukin-6, B-cell hybridoma growth factor, Interleukin HP-1		
Description:	<p>The antibody neutralizes mouse interleukin 6 (IL-6). It does not cross-react with LPS (the component of the bacterial cell wall which is considered responsible for the toxicity of gram-negative bacteria) and TNF-alpha nor does it block human or rat IL-6. This clone inhibits IL-6 induced proliferation in the B9 assay.</p> <p>IL-6 is a pluripotent 20-22 kDa cytokine which plays a role in the pathophysiology of severe infection and regulates the immune response, acute phase reaction and hematopoiesis. IL-6 plays a critical role in B cell differentiation to plasma cells and is a potent growth factor for plasmacytoma and myeloma. Continuous IL-6 gene expression makes an essential contribution to a multistep oncogenesis of plasma cell neoplasia. IL-6 is a very useful culture supplement for the generation of a high number of antibody producing hybridomas.</p>		
UniProt ID:	P08505		
Gene ID:	16193		
Specificity:	Native and recombinant mouse IL-6		
Host:	Rat		
Immunogen:	Recombinant mouse IL-6		
Isotype:	IgG1		
Clone:	MP5-32C11		
Formulation:	Lyophilized from sterile-filtered PBS, pH 7.2		
Reconstitution:	Reconstitute the vial by injection of 0.5 ml sterile de-ionized water (Caution: vial is under vacuum).		
Applications:	Functional studies, neutralizes IL-6, Western blot, ELISA, Immunoprecipitation		
Storage & Stability:	Lyophilized product should be stored at 2-8°C for up to 1 year. Store reconstituted solution in aliquots at -20°C to -80°C. Avoid repeated freeze/thaw cycles.		

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