

## IL6

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

<b>Catalog No.</b>	CMI047	<b>Quantity:</b>	0.5 mg
<b>Alternate Names:</b>	Interleukin-6, IL-6, B-cell hybridoma growth factor, Interleukin HP-1		
<b>Description:</b>	Neutralizing, high affinity rat monoclonal to mouse IL-6 used in multiple applications.		
<b>UniProt ID:</b>	P08505		
<b>Specificity:</b>	Binds with high affinity and neutralizes both native and recombinant mouse IL-6.		
<b>Source:</b>	Produced <i>in vitro</i> using Hybridoma-SFM medium and 1% FCS		
<b>Immunogen:</b>	Recombinant mouse IL-6		
<b>Isotype:</b>	Rat IgG1		
<b>Clone:</b>	MP5-20F3		
<b>Purification:</b>	Protein G affinity chromatography		
<b>Formulation:</b>	Lyophilized from sterile-filtered PBS containing 125 mM Trehalose		
<b>Quantitation:</b>	$E^{0.1\%}_{280\text{ nm}} = 1.4$ for a 1 mg/ml solution.		
<b>Endotoxin:</b>	< 0.002 EU/ $\mu$ g		
<b>Reconstitution:</b>	<b>Centrifuge vial briefly before opening.</b> Reconstitute with 0.5 ml sterile distilled water, containing 0.02% sodium azide to prevent bacterial growth (recommended).		
<b>Applications:</b>	Neutralization <i>in vitro</i> ELISA, Western blot Intracellular staining		
<b>Storage &amp; Stability:</b>	Lyophilized product is stable for at least one year at 2-8°C. After reconstitution, the contents can be safely stored at 2-8°C for one month or for one year in working aliquots at -20°C to -80°C. <b>Avoid repeated freeze-thaw cycles.</b>		

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