

## IL2

### Mouse Anti-Human Interleukin-2 (Clone B-G5) mAb

<b>Catalog No.</b>	CM1260	<b>Quantity:</b>	0.5 mg
<b>Alternate Names:</b>	IL-2, T-cell growth factor		
<b>Description:</b>	The mouse anti-human IL-2 clone B-G5 is a neutralizing antibody that binds with high efficiency to native and recombinant human IL-2.		
<b>UniProt ID:</b>	P60568		
<b>Gene ID:</b>	3558		
<b>Source:</b>	Produced <i>in vitro</i> using serum free medium.		
<b>Specificity:</b>	Binds and neutralizes both native and recombinant human IL-2		
<b>Isotype:</b>	Mouse IgG1		
<b>Clone:</b>	B-G5		
<b>Quantitation:</b>	$E^{0.1\%}_{280\text{ nm}} = 1.4$ for a 1 mg/ml solution.		
<b>Formulation:</b>	Lyophilized from sterile-filtered PBS containing 125 mM Trehalose		
<b>Purification:</b>	Ion exchange chromatography.		
<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>Precaution:</b> Sodium azide is a poisonous and hazardous substance which should be handled by trained staff only.		
<b>Applications:</b>	<i>In vitro</i> neutralization assays ELISA and ELISPOT systems Intracellular staining (flow cytometry) Western blot analysis		
<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>		
<b>References:</b>	Lechmann, M. et al. 1999. J. Hepatol. 31: 971-978 Sewell, W.A. et al. 1997. J. Immunol. Methods 209: 67-74		

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