

II2

Rat Anti-Mouse IL-2 (Clone JES6-5H4) mAb

Catalog No.	CMI044	Quantity:	0.5 mg
Alternate Names:	Interleukin-2, IL-2, T-cell growth factor, TCGF		
Description:	Neutralizing rat monoclonal to mouse IL-2 used in multiple applications.		
UniProt ID:	P04351		
Specificity:	Binds and neutralizes both native and recombinant mouse IL-2		
Source:	Produced <i>in vitro</i> using Hybridoma-SFM medium and 1% FCS		
Immunogen:	Recombinant mouse IL-2		
Isotype:	Rat IgG2b kappa		
Clone:	JES6-5H4		
Purification:	Protein G affinity chromatography		
Formulation:	Lyophilized from sterile-filtered PBS containing 125 mM Trehalose		
Quantitation:	$E^{0.1\%}_{280\text{ nm}} = 1.4$ for a 1 mg/ml solution.		
Endotoxin:	< 0.002 EU/ μ g		
Reconstitution:	Centrifuge vial briefly before opening. Reconstitute with 0.5 ml sterile distilled water, containing 0.02% sodium azide to prevent bacterial growth (recommended).		
Applications:	Neutralization <i>in vitro</i> ELISA, IHC, Western blot Flow cytometry Immunoprecipitation		
Storage & Stability:	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. Avoid repeated freeze-thaw cycles.		

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