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Data sheet

Monoclonal antibody to mouse interleukin 2 (IL-2)

Cat. No.	CT589
Clone	JES6-5H4
Isotype	Rat IgG _{2b} , κ
Immunogen	Recombinant mouse IL-2
Production	<i>In vitro</i> using Hybridoma-SFM medium + 1% FCS
Purification	Protein G affinity chromatography
Packaging	Lyophilized and vacuum-packed
Contents	0.5 mg/vial
Buffer	Prior to lyophilization: 0.5 ml PBS + 125 mM trehalose.
Specificity	Binds and neutralizes both natural and recombinant mouse IL-2.
Endotoxin	< 2 EU/mg
Sterility	Membrane filtered (0.2 µm)
Reconstitution	Dissolve the contents of the vial by injection of 0.5 ml sterile distilled water.
Stability	Lyophilized product is stable for at least one year at 2 to 8°C (expiry date is indicated on the vial). After reconstitution, the contents can be safely stored at 2 to 8°C for at least 6 months or for one year at -32 to -18°C. Add 0.02% sodium azide to prevent bacterial growth.
Quantitation	Antibody concentration was determined by absorbance, taking A ₂₈₀ =1.4 for a 1 mg/ml solution.
Application	ELISA <i>In vitro</i> neutralization Flow cytometry Immunoprecipitation Immunohistochemistry Western blot

