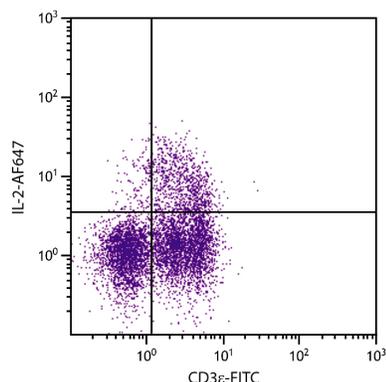




Rat Anti-Mouse IL-2

Cat. No.	Format	Size
10202-01	Purified (UNLB)	0.5 mg
10202-02	Fluorescein (FITC)	0.1 mg
10202-08	Biotin (BIOT)	0.5 mg
10202-09	R-phycoerythrin (PE)	0.1 mg
10202-30	Alexa Fluor® 488 (AF488)	0.1 mg
10202-31	Alexa Fluor® 647 (AF647)	0.1 mg



PMA and ionomycin stimulated BALB/c mouse splenocytes were stained with Rat Anti-Mouse CD3ε-FITC (SB Cat. No. 1535-02) followed by intracellular staining with Rat Anti-Mouse IL-2-AF647 (SB Cat. No. 10202-31).

Overview

Clone	JES6-5H4
Isotype	Rat IgG _{2b} K
Immunogen	<i>E. coli</i> -expressed mouse IL-2
Specificity	Mouse IL-2
Alternate Name(s)	Interleukin-2, thymocyte differentiation factor, TDF, T cell growth factor, TCGF, killer cell helper factor, KHF, macrophage-activating factor for cytotoxicity I, MAF-C I, eosinophil differentiation factor, EDF

Applications

ELISA-Detection – Quality tested^{1-5,7}
 ELISA-Capture – Quality tested
 FC – Quality tested^{8,14-17}
 ELISPOT-Detection – Reported in literature^{5,6,8-13}
 IHC-FS – Reported in literature¹⁸⁻²⁰
 IP – Reported in literature^{1,2}
 Neut – Reported in literature^{1,2}
 Multiplex-Detection – Reported in literature³

Working Dilutions

ELISA	Purified (UNLB) antibody	≤ 5 µg/mL
	BIOT conjugate	1:1,000 – 1:2,000
Flow Cytometry	FITC and PE conjugates	≤ 1 µg/10 ⁶ cells
	AF488 and AF647 conjugates	≤ 0.3 µg/10 ⁶ cells
	For flow cytometry, the suggested use of these reagents is in a final volume of 100 µL	
Other Applications	Since applications vary, you should determine the optimum working dilution for the product that is appropriate for your specific need.	

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Handling and Storage

- The purified (UNLB) antibody is supplied as 0.5 mg purified immunoglobulin in 1.0 mL of borate buffered saline, pH 8.2. *No preservatives or amine-containing buffer salts added.* Store at 2-8°C.
- The fluorescein (FITC) conjugate is supplied as 0.1 mg in 1.0 mL of PBS/NaN₃. Store at 2-8°C.
- The biotin (BIOT) conjugate is supplied as 0.5 mg in 1.0 mL of PBS/NaN₃. Store at 2-8°C.
- The R-phycoerythrin (PE) is supplied as 0.1 mg in 1.0 mL of PBS/NaN₃ and a stabilizing agent. Store at 2-8°C. **Do not freeze!**
- The Alexa Fluor[®] 488 (AF488) and Alexa Fluor 647[®] (AF647) conjugates are supplied as 0.1 mg in 0.2 mL of PBS/NaN₃. Store at 2-8°C.
- Protect fluorochrome-conjugated forms from light. Reagents are stable for the period shown on the label if stored as directed.

Warning

Some reagents contain sodium azide. Please refer to product specific SDS.

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