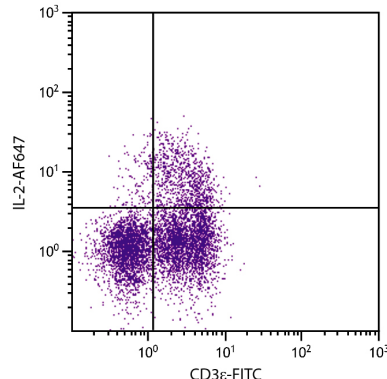




Rat Anti-Mouse IL-2

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 literature ¹⁸⁻²⁰
 IP – Reported in literature ^{1,2}
 Neut – Reported in literature ^{1,2}
 Multiplex-Detection – Reported in literature ³

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.	

For Research Use Only. Not for Diagnostic or Therapeutic Use.

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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