SouthernBiotech

Rat Anti-Mouse IL-2

Cat. No.	Format	Size
10201-01	Purified (UNLB)	0.5 mg
10201-08	Biotin (BIOT)	0.5 mg
10201-14	Low Endotoxin, Azide-Free (LE/AF)	0.5 mg

Overview

Clone JES6-1A12
Isotype Rat $IgG_{2a}\kappa$
Immunogen *E. coli*-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-Capture – Quality tested [1-6]
ELISA-Detection – Quality tested
ELISPOT-Capture – Reported in literature [5,7-14]
WB – Reported in literature [15]
IP – Reported in literature [1]
Neut – Reported in literature [1,2,16]
Multiplex-Capture – Reported in literature [3]

Working Dilutions

ELISA	Purified (UNLB) antibody	≤ 5 µg/mL
	BIOT conjugate	1:1,000 – 1:4,000
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.

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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 biotin (BIOT) conjugate is supplied as 0.5 mg labeled antibody in 1.0 mL of PBS/NaN_3. Store at 2-8°C.
- The low endotoxin, azide-free (LE/AF) antibody is supplied as 0.5 mg purified immunoglobulin in 1.0 mL of PBS. Contains no preservative; handle under aseptic conditions. Store at 2-8°C or aliquot into smaller volumes and store at -20°C. Avoid multiple freeze / thaw cycles.
- 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.

References

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11. Kreher CR, Dittrich MT, Guerkov R, Boehm BO, Tary-Lehmann M. $CD4^+$ and $CD8^+$ cells in cryopreserved human PBMC maintain full functionality in cytokine ELISPOT assays. J Immunol Methods. 2003;278:79-93. (ELISPOT-Capture)
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13. Linker RA, Rott E, Hofstetter HH, Hanke T, Toyka KV, Gold R. EAE in beta-2 microglobulin-deficient mice: axonal damage is not dependent on MHC-I restricted immune responses. Neurobiol Dis. 2005;19:218-28. (ELISPOT-Capture)
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