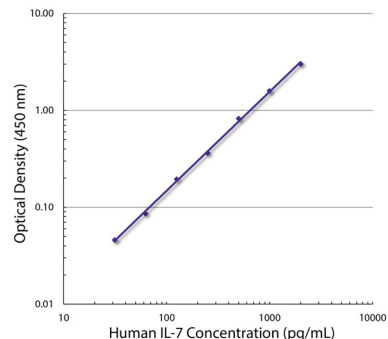




Rat Anti-Human IL-7

Cat. No.	Format	Size
10122-01	Purified (UNLB)	0.5 mg
10122-14	Low Endotoxin, Azide-Free (LE/AF)	0.5 mg



Standard curve generated with Rat Anti-Human IL-7-UNLB (SB Cat. No. 10122-01; Clone BVD10-40F6) and Rat Anti-Human IL-7-BIOT (SB Cat. No. 10123-08; Clone BVD10-11C10) followed by Mouse Anti-BIOT-HRP (SB Cat. No. 6404-05)

Overview

Clone	BVD10-40F6
Isotype	Rat IgG ₁ κ
Immunogen	<i>E. coli</i> -expressed human IL-7
Specificity	Human IL-7
Alternate Name(s)	Interleukin-7, lymphopoietin-1, LP-1, Lpo-1, pre-B cell growth factor, PBGF, thymocyte growth factor

Applications

ELISA-Capture – Quality tested ¹⁻³
 ICC – Reported in literature ⁴
 Neut – Reported in literature ^{1,5}

Note – May be paired with the biotinylated clone BVD10-11C10 (SB Cat. No. 10123-08) in a sandwich ELISA

Working Dilutions

ELISA	Purified (UNLB) antibody	≤ 5 μg/mL
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 low endotoxin, azide-free (LE/AF) antibody is supplied as 0.5 mg purified immunoglobulin in 1.0 mL of PBS. **Aliquot and store at or below -20°C.**
- Reagents are stable for the period shown on the label if stored as directed.

References

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2. Abrams JS. Immunoenzymetric assay of mouse and human cytokines using NIP-labeled anti-cytokine antibodies. *Curr Protoc Immunol.* 2001;6.20:1-15. (ELISA-Capture)
3. Kelly EA, Koziol-White CJ, Clay KJ, Liu LY, Bates ME, Bertics PJ, et al. Potential contribution of IL-7 to allergen-induced eosinophilic airway inflammation in asthma. *J Immunol.* 2009;182:1404-10. (ELISA-Capture)
4. Bazdar DA, Kalinowska M, Panigrahi S, Sieg SF. Recycled IL-7 can be delivered to neighboring T cells. *J Immunol.* 2015;194:4698-704. (ICC)
5. Moreau I, Duvert V, Caux C, Galmiche MC, Charbord P, Banchereau J, et al. Myofibroblastic stromal cells isolated from human bone marrow induce the proliferation of both early myeloid and B-lymphoid cells. *Blood.* 1993;82:2396-405. (Neut)