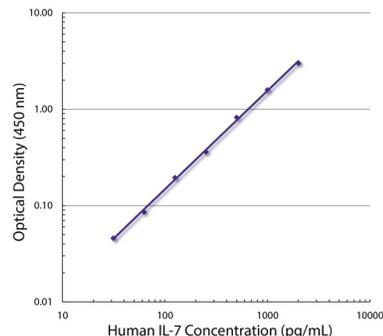




Rat Anti-Human IL-7

| Cat. No. | Format | Size |
|----------|-----------------|--------|
| 10123-01 | Purified (UNLB) | 0.5 mg |
| 10123-08 | Biotin (BIOT) | 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 | BVD10-11C10 |
| Isotype | Rat IgG _{2a} K |
| 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-Detection – Quality tested¹⁻³

Note – May be paired with the purified clone BVD10-40F6 (SB Cat. No. 10122-01) in a sandwich ELISA

Working Dilutions

| | | |
|---------------------------|--|-----------------|
| ELISA | BIOT conjugate | 1:500 – 1:1,000 |
| Other Applications | Since applications vary, you should determine the optimum working dilution for the product that is appropriate for your specific need. | |

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 in 1.0 mL of PBS/NaN₃. Store at 2-8°C.
- 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 (M)SDS.

References

- Abrams JS, Roncarolo M, Yssel H, Andersson U, Gleich GJ, Silver JE. Strategies of anti-cytokine monoclonal antibody development: immunoassay of IL-10 and IL-5 in clinical samples. *Immunol Rev.* 1992;127:5-24. (ELISA-Detection)
- Abrams JS. Immunozytometric assay of mouse and human cytokines using NIP-labeled anti-cytokine antibodies. *Curr Protoc Immunol.* 2001;6:20:1-15. (ELISA-Detection)
- 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-Detection)

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