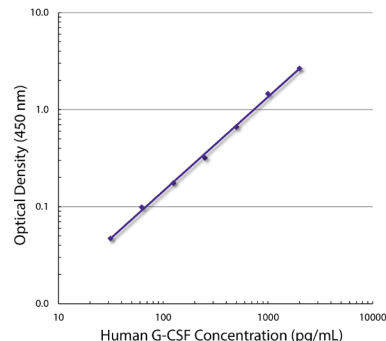




Rat Anti-Human G-CSF

Cat. No.	Format	Size
10127-01	Purified (UNLB)	0.5 mg
10127-14	Low Endotoxin, Azide-Free (LE/AF)	0.5 mg



Standard curve generated with Rat Anti-Human G-CSF-UNLB (SB Cat. No. 10127-01; Clone BVD13-3A5) and Rat Anti-Human G-CSF-BIOT (SB Cat. No. 10128-08; Clone BVD11-37G10) followed by Mouse Anti-BIOT-HRP (SB Cat. No. 6404-05)

Overview

Clone	BVD13-3A5
Isotype	Rat IgG ₁ κ
Immunogen	<i>E. coli</i> -expressed human G-CSF
Specificity	Human G-CSF
Alternate Name(s)	Granulocyte-colony stimulating factor, CSF-β, pluripoiectin-β, granulocytic neutrophil colony stimulating activity, G-CSA, macrophage-granulocyte inducer-2, MGI-2, CSF3, CSF3OS, C17orf33

Applications

ELISA-Capture – Quality tested ^{1,2}
 IHC-FS – Reported in literature ^{3,4}
 ICC – Reported in literature ⁵
 Neut – Reported in literature ¹

Note – May be paired with the biotinylated clone BVD11-37G10 (SB Cat. No. 10128-08) in a sandwich ELISA

Working Dilutions

ELISA	Purified (UNLB) antibody	≤ 10 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. 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.

References

1. 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-Capture, Neut)
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. Andersson J, Abrams J, Björk L, Funa K, Litton M, Ågren K, et al. Concomitant in vivo production of 19 different cytokines in human tonsils. *Immunology.* 1994;83:16-24. (IHC-FS)
4. Ulfgren A, Lindblad S, Klareskog L, Andersson J, Andersson U. Detection of cytokine producing cells in the synovial membrane from patients with rheumatoid arthritis. *Ann Rheum Dis.* 1995;54:654-61. (IHC-FS)
5. Brauner A, Söderhäll M, Jacobson SH, Lundahl J, Andersson U, Andersson J. Escherichia coli-induced expression of IL-1 α , IL-1 β , IL-6 and IL-8 in normal human renal tubular epithelial cells. *Clin Exp Immunol.* 2001;124:423-8. (ICC)