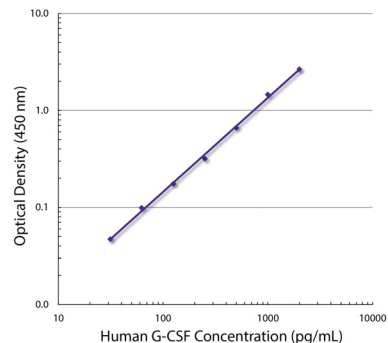




Rat Anti-Human G-CSF

Cat. No.	Format	Size
10128-01	Purified (UNLB)	0.5 mg
10128-08	Biotin (BIOT)	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	BVD11-37G10
Isotype	Rat IgG _{2a} K
Immunogen	<i>E. coli</i> -expressed human G-CSF
Specificity	Human G-CSF
Alternate Name(s)	Granulocyte-colony stimulating factor, CSF- β , pluripoietin- β , granulocytic neutrophil colony stimulating activity, G-CSA, macrophage-granulocyte inducer-2, MGI-2, CSF3, CSF3OS, C17orf33

Applications

ELISA-Detection – Quality tested ^{1,2}
 IHC-FS – Reported in literature ^{3,4}
 ICC – Reported in literature ⁵
 Drug Delivery – Reported in literature ⁶

Note – May be paired with the purified clone BVD13-3A5 (SB Cat. No. 10127-01) in a sandwich ELISA

Working Dilutions

ELISA	BIOT conjugate	1:1,000 – 1:2,000
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.

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 SDS.

References

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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)
6. Rubinstein MP, Salem ML, Doedens AL, Moore CJ, Chiuhan C, Rivell GL, et al. G-CSF/anti-G-CSF antibody complexes drive the potent recovery and expansion of CD11b⁺Gr-1⁺ myeloid cells without compromising CD8⁺ T cell immune responses. *J Hematol Oncol.* 2013;6:75. (Drug Delivery)