



Rat (monoclonal) Anti-Human Granulocyte-Colony Stimulating Factor (G-CSF) Capture Antibody

PRODUCT ANALYSIS SHEET

Catalog Number:	AHC2034
Lot Number:	See product label
Quantity/Volume:	0.5 mg / 0.5 mL
Clone Number:	BVD13-3A5
Isotype:	IgG1
Form of Antibody:	Purified immunoglobulin in phosphate buffered saline, pH 7.2.
Preservation:	0.1% sodium azide (Caution: sodium azide is a poisonous and hazardous substance. Handle with care and dispose of properly.)
Purification:	Purified from ascites by Protein A/G affinity chromatography.
Purity:	>95% by SDS PAGE
Immunogen:	Recombinant human G-CSF expressed in <i>E. coli</i> .
Myeloma/Fusion Partners:	Rat spleen cells fused with P3X63/AG8.653 myeloma cells.
Specificity:	Recognizes natural and recombinant soluble human G-CSF.
Applications:	This antibody is suitable for use in ELISA as a capture antibody for the determination of G-CSF concentration. Intended for use with Invitrogen detection antibody catalog number AHC2939. This antibody is neutralizing. This antibody is also suitable for use in Western blot analysis.
Suggested Working Dilutions:	Immediately prior to use, dilute this preparation to a concentration of 1.0-2.5 µg/mL in an appropriate coating buffer, and coat each well with 100 µL. The optimal concentration should be determined for each specific application. A general ELISA procedure is available upon request.
Storage:	Store at 2-8°C. For long term storage, apportion into working aliquots and store at -20°C. Avoid repeated freeze-thaw cycles to prevent denaturing the antibody.
Reference:	Abrams, J.S. et al. (1992) Strategies of anti-cytokine monoclonal antibody development. Immunol. Rev. 127:5-24.

This product is for research use only. Not for use in diagnostic procedures.

www.invitrogen.com

Invitrogen Corporation • 542 Flynn Rd • Camarillo • CA 93012 • Tel: 800.955.6288 • E-mail: techsupport@invitrogen.com

PI AHC2034

(Rev 10/08) DCC-08-1089

Important Licensing Information - These products may be covered by one or more Limited Use Label Licenses (see the Invitrogen Catalog or our website, www.invitrogen.com). By use of these products you accept the terms and conditions of all applicable Limited Use Label Licenses. Unless otherwise indicated, these products are for research use only and are not intended for human or animal diagnostic, therapeutic or commercial use.