



Mouse (monoclonal) Anti-Human Interferon-gamma (IFN- γ)

PRODUCT ANALYSIS SHEET

Catalog Number:	AHC4432
Lot Number:	See product label
Exp. Date:	See product label
Clone Number:	350B 10G6
Quantity/Volume:	0.5 mg/0.5 mL
Form of the Antibody:	Purified immunoglobulin in phosphate buffered saline, pH 7.5, with 0.05% sodium azide (Caution: sodium azide is a poisonous and hazardous substance. Handle with care and dispose of properly.).
Purification:	Purified by Protein A affinity column chromatography.
Immunogen:	Purified recombinant human interferon-gamma (IFN- γ)
Myeloma/ Fusion Partners:	BALB/c mouse splenocytes were fused with NSO mouse myeloma cells.
Isotype:	IgG1 kappa
Specificity:	Recognizes natural and recombinant human interferon-gamma.
Applications:	Suitable for use in ELISA as a capture antibody. Immediately prior to use in ELISA as a capture antibody, dilute this preparation to a concentration of 1-5 μ g/mL in an appropriate coating buffer, and coat each well with 100 μ L. A general ELISA procedure is available upon request. Alternatively, further dilutions may be made in medium or buffered solution with carrier protein, such as PBS with 0.1-1.0% BSA. The optimal antibody concentration should be determined for each specific application.
Storage:	Store at 2-8°C in aliquots for maximal stability.

For research use only. CAUTION: Not for human or animal therapeutic or diagnostic use.

www.invitrogen.com

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

PI AHC4432

(Rev 01/10) DCC-10-0097

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.

References:

Ribeiro, U., T.L. Whiteside, P.H. Basse, A.V. Safatle-Ribeiro, C.E. Huneke, and M.C. Posner (1999) Activated natural killer cell tumor retention and cytokine production in colon tumor using a tissue-isolated model. *J. Surg. Res.* 82(1):78-87.

Braun, M.C., J. He, C.-Y. Wu, and B.L. Kelsall (1999) Cholera toxin suppresses interleukin (IL)-12 production and IL-12 receptor β 1 and β 2 chain expression. *J. Exp. Med.* 189:541-552.














Nixon, C.S., M.J. Steffen, and J.L. Ebersole (2000) Cytokine responses to *Treponema pectinovorum* and *Treponema denticola* in human gingival fibroblasts. *Infection and Immunity* 68(9):5284-5292 (cites the use of this antibody in ELISA).

Kesavalu, L., C.W. Falk, K.J. Davis, M.J. Steffen, X.P. Xu, S.C. Holt, and J.L. Ebersole (2002) Biological characterization of lipopolysaccharide from *Treponema pectinovorum*. *Infection and Immunity* 70(1):211-217.

Messmann, R.A., C.D. Ullmann, T. Lahusen, A. Kalehua, J. Wasfy, G. Melillo, I. Ding, D. Headlee, W. D. Figg, E. A. Sausville and A.M. Senderowicz (2003) Flavopiridol-related proinflammatory syndrome is associated with induction of interleukin-6. *Clin. Cancer Res.* 9 (2):562-570 (cites the use of this antibody in IHC with formalin/acetone-fixed cytopins).

Mascart, F., V. Verscheure, A. Malfroot, M. Hainaut, D. Pierard, S. Temerman, A. Peltier, A.S. Debrie, J. Levy, G. Del Giudice and C. Locht (2003) *Bordetella pertussis* infection in 2-month-old infants promotes type 1 T cell responses. *J. Immunol.* 170(3):1504-1509 (cites the use of this antibody as a capture in ELISA).

Explanation of symbols

Symbol	Description	Symbol	Description
	Catalogue Number		Batch code
	Research Use Only		<i>In vitro</i> diagnostic medical device
	Use by		Temperature limitation
	Manufacturer		European Community authorised representative
	Without, does not contain		With, contains
	Protect from light		Consult accompanying documents
	Directs the user to consult instructions for use (IFU), accompanying the product.		

For research use only. CAUTION: Not for human or animal therapeutic or diagnostic use.

www.invitrogen.com

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

PI AHC4432

(Rev 01/10) DCC-10-0097

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.