Mouse (monoclonal) Anti-Human Interleukin-10 Biotin Conjugate

PRODUCT ANALYSIS SHEET

Catalog Number:	AHC7109
Lot:	See product label
Expiration Date:	See product label
Clone:	945A5A10
Quantity/Volume:	0.1 mg/0.2 mL
Form of Antibody:	Biotin conjugated purified immunoglobulin in 0.1 M phosphate buffered saline, pH 7.5, with 0.5% BSA and 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 chromatography.
Immunogen:	Recombinant human IL-10.
Myeloma/ Fusion Partners:	BALB/c splenocytes were fused with NSO mouse myeloma cells.
Isotype:	IgG1 kappa
Specificity:	Recognizes natural and recombinant human IL-10.
Application:	ELISA as detection antibody. Intended for use with Invitrogen capture antibody AHC8102. AHC7109 binds to epitope C of IL-10. This antibody binds to both the human IL-10 and the Epstein Barr viral IL-10.
Recommended Dilution:	Immediately prior to use as a detection antibody in ELISA, dilute this preparation to a concentration of 0.1-1.0 µg/mL in an appropriate buffer, and pipette 100 µL into each well of a microtiter plate. A general ELISA procedure is available upon request. The optimal antibody concentration should be determined for each specific application.
Storage:	Store at 2-8°C.
References:	DeGroote, D., A. Marchant, F. Fauchet, M. Jadoul, I. De Hart, C. Gérard, Y. Gevaert, M. Lopez, R. Gathy, J.D. Franssen, D. Radoux, and F. Franchimont (1994) Characterisation of monoclonal antibodies against human interleukin-10 and their use in an ELISA for the measurement of this cytokine. Journal of Immunological Methods 177:225-234 (These authors refer to this as antibody 17). Farah, I.O., P.W. Mola, T.M. Kariuki, M. Nyindo, R.E. Blanton, and C.L King (2000) Repeated exposure induced periportal fibrosis in *Schistosoma mansoni*-infected baboons: Role of TGF-beta and IL-4. Journal of Immunology 164:5337-5343. Braun, M.C., J. He, C.-Y. Wu, and B.L. Kelsall (1999) Cholera toxin suppresses interleukin (IL)-12 production and IL-12 receptor β1 and β2 chain expression. Journal of Experimental Medicine 189:541-552.

For Research Use Only. CAUTION: Not for human or animal therapeutic or diagnostic use.

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