Mouse (monoclonal) Anti-Human Interleukin-10

PRODUCT ANALYSIS SHEET

Catalog Number:	AHC8102
Lot:	See product label
Expiration Date:	See product label
Clone:	945A5D11
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 chromatography.
Specificity:	Recognizes natural and recombinant human IL-10.
Isotype:	IgG1 kappa
Myeloma/Fusion Partners:	BALB/c splenocytes were fused with NSO mouse myeloma cells.
Application:	ELISA as a capture antibody. Suitable for use with Invitrogen detection antibody AHC7109. AHC8102 is non-neutralizing. This antibody binds to epitope B" of the IL-10 protein. It is specific for the human form of IL-10 and does not bind to the Epstein Barr viral IL-10.
Working Dilution:	Immediately prior to use as a capture antibody in a sandwich ELISA, dilute this preparation to a concentration of 1-5 µg/mL in an appropriate buffer, and coat each well with 100 µL. A general ELISA protocol is available upon request. Alternatively, the antibody may be diluted in buffered solution containing carrier protein such as phosphate buffered saline supplemented with 1% BSA. 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 19).

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.

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