

PRODUCT ANALYSIS SHEET

Catalog Number:	AHC0982
Lot:	See product label
Clone:	893A6G8
Quantity/Volume	0.5 mg/0.5 mL
Form of the Antibody:	Purified antibody 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.
Immunogen:	Recombinant human IL-8
Myeloma/Fusion Partners:	BALB/c splenocytes were fused with NSO mouse myeloma cells.
Isotype:	IgG1 kappa
Specificity:	Recognizes natural and recombinant human IL-8.
Application:	ELISA as a capture antibody. Intended for use with Invitrogen detection antibody AHC0789.
Working Dilution:	Immediately prior to use in ELISA, dilute this preparation to a concentration of 1 to 5 µg/mL in an appropriate buffer, and coat each well of a microtiter plate 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 concentration should be determined for each specific application.
Storage:	Store at 2-8°C.
References:	<p>Gujral, A., D.W. Burton, R. Terkeltaub, and L.J. Deftos (2001) Parathyroid hormone-related protein induces interleukin 8 production by prostate cancer cells via a novel intracrine mechanism not mediated by its classical nuclear localization sequence. <i>Cancer Research</i> 61(5):2282-2288 (cites the use of this product in sandwich ELISA).</p> <p>Nixon, C.S., M.J. Steffen, and J.L. Ebersole (2000) Cytokine responses to <i>Treponema pectinovorum</i> and <i>Treponema denticola</i> in human gingival fibroblasts. <i>Infection and Immunity</i> 68(9):5284-5292 (cites this antibody in ELISA).</p> <p>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 <i>Treponema pectinovorum</i>. <i>Infection and Immunity</i> 70(1):211-217.</p> <p>Bouchard, L., R. de Medicis, A. Lussier, P.H. Naccache, and P.E. Poubelle (2002) Inflammatory microcrystals alter the functional phenotype of human osteoblast-like cells in vitro: Synergism with IL-1 to overexpress cyclooxygenase-2. <i>J. Immunol.</i> 168(10):5310-5317.</p>

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

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