



Mouse (monoclonal) Anti-Human Interleukin-8 Biotin Conjugate

PRODUCT ANALYSIS SHEET

Catalog Number:	AHC0789
Lot:	See product label
Clone:	790A 28G2
Quantity/Volume:	0.1 mg/0.2 mL
Form of Antibody:	Biotin conjugated purified antibody 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-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 detection antibody. Intended for use with Invitrogen capture antibody AHC0982.
Suggested Working Dilution:	Immediately prior to use, dilute this preparation to a concentration of 0.4-1.0 µg/mL in an appropriate buffer, and pipette 50 µL into each well of a microtiter plate. A suitable buffer is phosphate buffered saline supplemented with 0.1-1.0% BSA. A preservative, such as 0.05% sodium azide, may also be included. 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:	<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 antibody in sandwich ELISA).</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 (cites the use of this antibody in sandwich ELISA).</p>

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

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