

## Purified anti-human IL-8

**Catalog # / Size:** 514601 / 50 µg  
514602 / 500 µg

**Clone:** BH0814

**Isotype:** Mouse IgG2b, λ

**Immunogen:** Recombinant human IL-8, amino acids Ser28-Ser99 (Accession # NM\_000584)

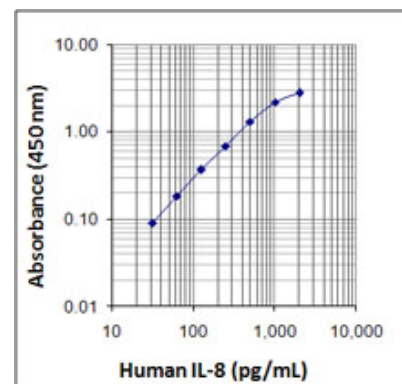
**Reactivity:** Human

**Preparation:** The antibody was purified by affinity chromatography.

**Formulation:** Phosphate-buffered solution, pH 7.2, containing 0.09% sodium azide.

**Concentration:** 0.5 mg/ml

**Storage:** The antibody solution should be stored undiluted at 4°C.



## Applications:

**Applications:** ELISA Capture - *Quality tested*

**Recommended Usage:** Each lot of this antibody is quality control tested by ELISA assay. For ELISA capture applications, a concentration range of 2-6 µg/ml is recommended. To obtain a linear standard curve, serial dilutions of IL-8 recombinant protein ranging from 2000 to 15 pg/ml are recommended for each ELISA plate. It is recommended that the reagent be titrated for optimal performance for each application.

**Application Notes:** ELISA Capture: The purified BH0814 antibody is useful as the capture antibody in a sandwich ELISA assay, when used in conjunction with the biotinylated BH0840 (Cat. No. 514703/ 514704) antibody as the detecting antibody and recombinant human IL-8 (Cat. # 570909) as the standard.

**Description:** IL-8, also known as neutrophil chemotactic factor, neutrophil activating protein, and monocyte-derived neutrophil chemotactic factor, is a member of the alpha (C-X-C) subfamily of chemokines called CXCL8. In response to proinflammatory stimuli, IL-8 is produced by monocytes, macrophages, T cells, neutrophils, and fibroblasts. IL-8 promotes neutrophil chemotaxis and degranulation. The 72 amino acid IL-8 is the predominant form secreted by monocytes and lymphocytes.

**Antigen References:**

1. Fitzgerald K, *et al.* Eds. 2001. The Cytokine FactsBook. Academic Press San Diego.
2. Baggiolini M, *et al.* 1994. *Adv. Immunol.* 55:97.
3. Schröder J, *et al.* 1992. *Immunology Ser.* 57:387.
4. Zwahlen R, *et al.* 1993. *Intl. Rev. Expt. Pathol.* 34:27.

**Related Products:**

<b>Product</b>	<b>Clone</b>	<b>Application</b>
Cell Staining Buffer		FC, ICC, ICFC
RBC Lysis Buffer (10X)		FC, ICFC



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