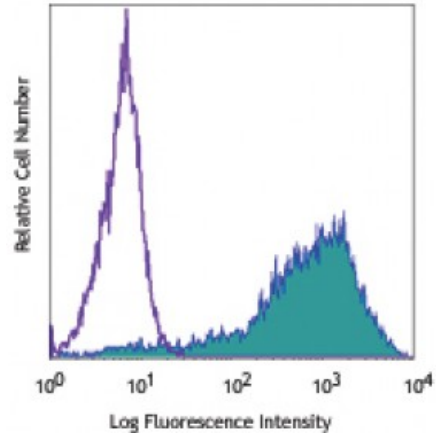


**FITC anti-human IL-8**

**Catalog # / Size:** 3173020 / 100 tests  
**Clone:** BH0814  
**Isotype:** Mouse IgG2b,  $\lambda$   
**Immunogen:** Recombinant human IL-8, amino acids Ser28-Ser99 (Accession # NM\_000584)  
**Reactivity:** Human  
**Preparation:** The antibody was purified by affinity chromatography, and conjugated with FITC under optimal conditions. The solution is free of unconjugated FITC.  
**Formulation:** Phosphate-buffered solution, pH 7.2, containing 0.09% sodium azide and 0.2% (w/v) BSA (origin USA).  
**Concentration:** Lot-specific



LPS-stimulated (6 hours, in the presence of monensin) human peripheral blood monocytes intracellularly stained with BH0814 FITC

**Applications:**

**Applications:** Flow Cytometry  
**Recommended Usage:** Each lot of this antibody is quality control tested by intracellular immunofluorescent staining with flow cytometric analysis. **Test size products are transitioning from 20 microL to 5 microL per test.** Please check your vial or your CoA to find the suggested use of this reagent per million cells in 100 microL staining volume or per 100 microL of whole blood. 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.