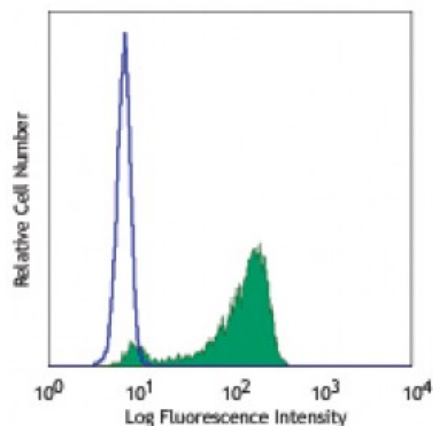


PerCP anti-human IL-8

Catalog # / Size:	3173030 / 100 tests
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 and conjugated with PerCP under optimal conditions. The solution is free of unconjugated PerCP and unconjugated antibody.
Formulation:	Phosphate-buffered solution, pH 7.2, containing 0.09% sodium azide and 0.2% (w/v) BSA (origin USA).
Concentration:	Lot-specific



Peripheral blood monocytes stimulated with LPS (6 hours), then intracellularly stained with BH0814 PerCP

Applications:

Applications:	Flow Cytometry
Recommended Usage:	Each lot of this antibody is quality control tested by intracellular immunofluorescent staining with flow cytometric analysis. For flow cytometric staining, the suggested use of this reagent is 5 microL per million cells or 5 microL per 100 microL of whole blood. It is recommended that the reagent be titrated for optimal performance for each application. * PerCP has a maximum absorption of 482 nm and a maximum emission of 675 nm.
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 α (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.