

Anti-IL-8 [5.12.14] Standard Size Ab01482-1.1

This reformatted mouse antibody was made using the variable domain sequences of the original Mouse IgG format, for improved compatibility with existing reagents, assays and techniques.

Isotype and Format: Mouse IgG1, Kappa

Clone Number: 5.12.14

Alternative Name(s) of Target: Interleukin-8; IL8; IL-8; IL 8; C-X-C motif chemokine 8; Chemokine (C-X-C motif) ligand 8; Emotakin; Granulocyte chemotactic protein 1; GCP-1; Monocyte-derived neutrophil chemotactic factor; MDNCF; Monocyte-derived neutrophil-activating peptide; MONAP; Neutrophil-activating protein 1; NAP-1; Protein 3-10C; T-cell chemotactic factor

UniProt Accession Number of Target Protein: P10145

Published Application(s): Blocking, inhibition, WB, ELISA

Published Species Reactivity: Human

Immunogen: This antibody was raised by immunising Balb/c mice against conjugated IL-8.

Specificity: This antibody recognises Interleukin-8 (IL-8) which is a neutrophil chemotactic peptide. It is secreted by many different cells which had been activated by inflammatory stimuli. It is specific to IL-8 and does not bind to other chemokins, such as C5a, platelet factor 4 or β -TG.

Application Notes: This antibody is an IL-8 antagonist and prevents binding to neutrophils, which might be used in research aiming at treating asthma (before or after its onset) (US5874080A). Furthermore, this antibody inhibits both IL-8-dependent neutrophil chemotaxis and neutrophil elastase release (US5874080A).

Antibody First Published in: Hebert et al. Anti-IL-8 monoclonal antibodies for treatment of asthma Hebert, C.A., Kabakoff, R.C. and Moore, M.W., Genentech Inc, 1999. Anti-IL-8 monoclonal antibodies for treatment of asthma. U.S. Patent 5,874,080. [PMID:](#)

Note on publication: This patent describes the generation and characterisation of the 5.12.14 antibody.

Product Form

Size: 200 µg Purified antibody.

Purification: Protein A affinity purified

Supplied In: PBS with 0.02% Proclin 300.

Storage Recommendation: Store at 4°C for up to 3 months. For longer storage, aliquot and store at -20°C.

Concentration:

1 mg/ml.

Important note – This product is for research use only. It is not intended for use in therapeutic or diagnostic procedures for humans or animals.