

## Anti-IL8 Rabbit Monoclonal Antibody Catalog # ABO16100

### Specification

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#### Anti-IL8 Rabbit Monoclonal Antibody - Product Information

Application	WB
Primary Accession	<a href="#">P10145</a>
Host	Rabbit
Isotype	IgG
Reactivity	Human
Clonality	Monoclonal
Format	Liquid

#### Description

Anti-IL8 Rabbit Monoclonal Antibody . Tested in WB application. This antibody reacts with Human.

#### Anti-IL8 Rabbit Monoclonal Antibody - Additional Information

Gene ID 3576

#### Other Names

Interleukin-8, IL-8, C-X-C motif chemokine 8, Chemokine (C-X-C motif) ligand 8, Emoctakin, 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, MDNCF-a, GCP/IL-8 protein IV, IL8/NAP1 form I, Interleukin-8, (Ala-IL-8)77, GCP/IL-8 protein II, IL-8(1-77), IL8/NAP1 form II, MDNCF-b, IL-8(5-77), IL-8(6-77), (Ser-IL-8)72, GCP/IL-8 protein I, IL8/NAP1 form III, Lymphocyte-derived neutrophil-activating factor, LYNAF, MDNCF-c, Neutrophil-activating factor, NAF, IL-8(7-77), GCP/IL-8 protein V, IL8/NAP1 form IV, IL-8(8-77), GCP/IL-8 protein VI, IL8/NAP1 form V, IL-8(9-77), GCP/IL-8 protein III, IL8/NAP1 form VI, CXCL8, IL8

#### Calculated MW

11 kDa KDa

#### Application Details

WB 1:500-1:2000

#### Contents

Rabbit IgG in phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol, 0.4-0.5mg/ml BSA.

#### Immunogen

A synthesized peptide derived from human IL8

#### Purification

Affinity-chromatography

Storage

**Store at -20°C for one year. For short term storage and frequent use, store at 4°C for up to one month. Avoid repeated**

## freeze-thaw cycles.

### Anti-IL8 Rabbit Monoclonal Antibody - Protein Information

**Name** CXCL8

**Synonyms** IL8

#### Function

Chemotactic factor that mediates inflammatory response by attracting neutrophils, basophils, and T-cells to clear pathogens and protect the host from infection (PubMed: [18692776](http://www.uniprot.org/citations/18692776), PubMed: [7636208](http://www.uniprot.org/citations/7636208)). Also plays an important role in neutrophil activation (PubMed: [2145175](http://www.uniprot.org/citations/2145175), PubMed: [9623510](http://www.uniprot.org/citations/9623510)). Released in response to an inflammatory stimulus, exerts its effect by binding to the G-protein-coupled receptors CXCR1 and CXCR2, primarily found in neutrophils, monocytes and endothelial cells (PubMed: [1840701](http://www.uniprot.org/citations/1840701), PubMed: [1891716](http://www.uniprot.org/citations/1891716)). G-protein heterotrimer (alpha, beta, gamma subunits) constitutively binds to CXCR1/CXCR2 receptor and activation by IL8 leads to beta and gamma subunits release from G $\alpha$  (GNAI2 in neutrophils) and activation of several downstream signaling pathways including PI3K and MAPK pathways (PubMed: [11971003](http://www.uniprot.org/citations/11971003), PubMed: [8662698](http://www.uniprot.org/citations/8662698)).

#### Cellular Location

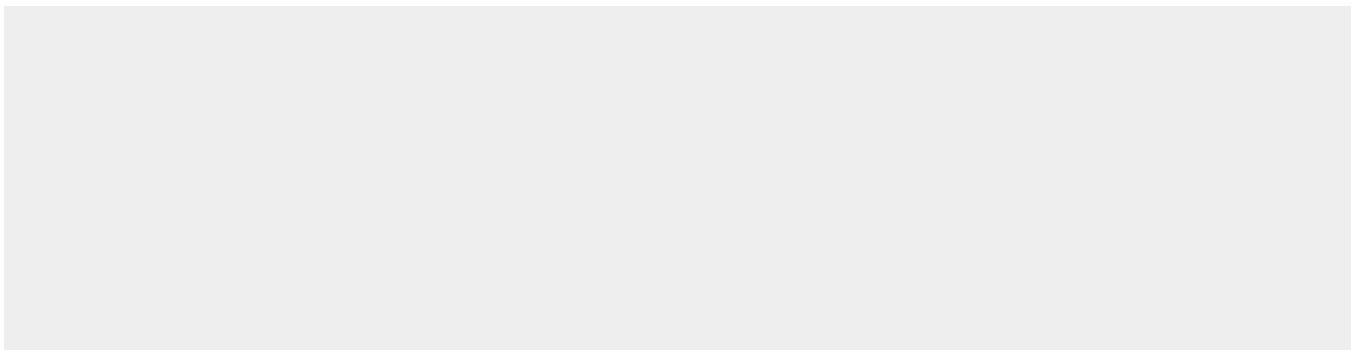
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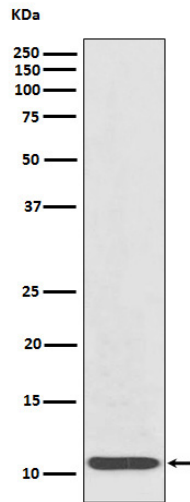
### Anti-IL8 Rabbit Monoclonal Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

### Anti-IL8 Rabbit Monoclonal Antibody - Images





Western blot analysis of IL8 expression in IL8 recombinant protein cell lysate.