

# IL8 Antibody (monoclonal) (M04)

Mouse monoclonal antibody raised against a partial recombinant IL8.  
Catalog # AT2525a

## Product Information

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|--------------------------|----------------------------|
| <b>Application</b>       | WB, E                      |
| <b>Primary Accession</b> | <a href="#">P10145</a>     |
| <b>Other Accession</b>   | <a href="#">BC013615.1</a> |
| <b>Reactivity</b>        | Human                      |
| <b>Host</b>              | mouse                      |
| <b>Clonality</b>         | monoclonal                 |
| <b>Isotype</b>           | IgG2a Kappa                |
| <b>Clone Names</b>       | 1E10                       |

## Additional Information

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|---------------------------|--|
| <b>Other Names</b>        | 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, LYNAP, 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 |
| <b>Target/Specificity</b> | IL8 (AAH13615.1, 21 a.a. ~ 99 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.  |
| <b>Dilution</b>           | WB~~1:500~1000 E~~N/A  |
| <b>Format</b>             | Clear, colorless solution in phosphate buffered saline, pH 7.2 .   |
| <b>Storage</b>            | Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.   |
| <b>Precautions</b>        | IL8 Antibody (monoclonal) (M04) is for research use only and not for use in diagnostic or therapeutic procedures.  |

## Background

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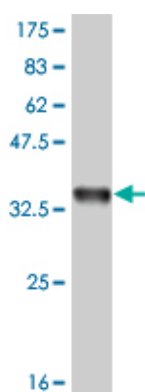
The protein encoded by this gene is a member of the CXC chemokine family. This chemokine is one of the major mediators of the inflammatory response. This chemokine is secreted by several cell types. It functions as a chemoattractant, and is also a potent angiogenic factor. This gene is believed to play a role in the pathogenesis of bronchiolitis, a common respiratory tract disease caused by viral infection. This gene and other ten members of the CXC chemokine gene family form a chemokine gene cluster in a region mapped to

chromosome 4q.

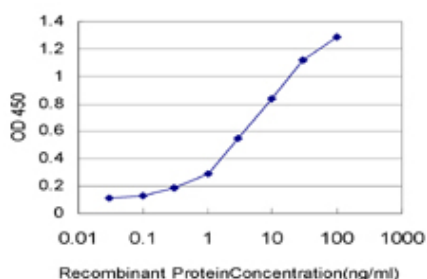
## References

Gene-gene interaction between tuberculosis candidate genes in a South African population. de Wit E, et al. *Mamm Genome*, 2010 Aug 27. PMID 20799037. Paget's disease of bone is not associated with common polymorphisms in interleukin-6, interleukin-8 and tumor necrosis factor alpha genes. Corral-Gudino L, et al. *Cytokine*, 2010 Aug 13. PMID 20709566. A genetic association study of maternal and fetal candidate genes that predispose to preterm prelabor rupture of membranes (PROM). Romero R, et al. *Am J Obstet Gynecol*, 2010 Jul 29. PMID 20673868. A large-scale candidate gene approach identifies SNPs in SOD2 and IL13 as predictive markers of response to preoperative chemoradiation in rectal cancer. Ho-Pun-Cheung A, et al. *Pharmacogenomics J*, 2010 Jul 20. PMID 20644561. Cetuximab as second-line therapy in patients with metastatic esophageal adenocarcinoma: a phase II Southwest Oncology Group Study (S0415). Gold PJ, et al. *J Thorac Oncol*, 2010 Sep. PMID 20631636.

## Images



Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (34.32 KDa) .



Detection limit for recombinant GST tagged IL8 is approximately 0.1 ng/ml as a capture antibody.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.