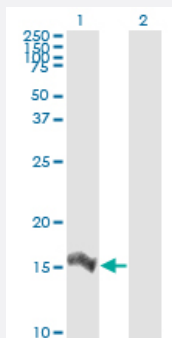


IL8 monoclonal antibody (M05), clone 6G4

Catalog # H00003576-M05

Size 100 ug

Applications

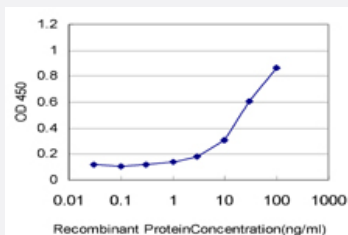


Western Blot (Transfected lysate)

Western Blot analysis of IL8 expression in transfected 293T cell line by IL8 monoclonal antibody (M05), clone 6G4.

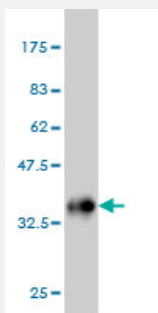
Lane 1: IL8 transfected lysate(11.1 KDa).

Lane 2: Non-transfected lysate.



Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged IL8 is approximately 1 ng/ml as a capture antibody.



Western Blot detection against Immunogen (34.32 KDa) .

Specification

Product Description

Mouse monoclonal antibody raised against a partial recombinant IL8.

Immunogen	IL8 (AAH13615.1, 21 a.a. ~ 99 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence	EGAVLPRSAKELRCQCICKTYSKPFHPKFIKELRVIESGPHCANTEIMKLSDGRELCCLDPKENWVQRVVEKFLKRAENS
Host	Mouse
Reactivity	Human
Isotype	IgG2a Kappa
Quality Control Testing	Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (34.32 KDa) .
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Transfected lysate)

Western Blot analysis of IL8 expression in transfected 293T cell line by IL8 monoclonal antibody (M05), clone 6G4.

Lane 1: IL8 transfected lysate(11.1 KDa).

Lane 2: Non-transfected lysate.

[Protocol Download](#)

- Western Blot (Recombinant protein)

[Protocol Download](#)

- Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged IL8 is approximately 1ng/ml as a capture antibody.

[Protocol Download](#)

- ELISA

Gene Info — IL8

Entrez GeneID [3576](#)

GeneBank Accession# [BC013615.1](#)

Protein Accession#	AAH13615.1
Gene Name	IL8
Gene Alias	CXCL8, GCP-1, GCP1, LECT, LUCT, LYNAP, MDNCF, MONAP, NAF, NAP-1, NAP1
Gene Description	interleukin 8
Omim ID	146930
Gene Ontology	Hyperlink
Gene Summary	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. [provided by RefSeq]
Other Designations	T cell chemotactic factor beta-thromboglobulin-like protein chemokine (C-X-C motif) ligand 8 emoctakin granulocyte chemotactic protein 1 lymphocyte-derived neutrophil-activating factor monocyte-derived neutrophil chemotactic factor neutrophil-activating p

Pathway

- [Bladder cancer](#)
- [Chemokine signaling pathway](#)
- [Cytokine-cytokine receptor interaction](#)
- [Epithelial cell signaling in Helicobacter pylori infection](#)
- [Pathways in cancer](#)
- [Toll-like receptor signaling pathway](#)

Disease

- [Acute Disease](#)
- [Adenocarcinoma](#)
- [Adenomatous Polyps](#)
- [Alcoholism](#)

- [Alzheimer disease](#)
- [Appetite](#)
- [Arthritis](#)
- [Asthma](#)
- [Atherosclerosis](#)
- [Atrophy](#)
- [Bacterial Infections](#)
- [Barrett Esophagus](#)
- [Behcet Syndrome](#)
- [Biliary Tract Neoplasms](#)
- [Birth Weight](#)
- [Blindness](#)
- [Brain Ischemia](#)
- [Breast cancer](#)
- [Breast Neoplasms](#)
- [Bronchial Hyperreactivity](#)
- [Bronchiolitis](#)
- [Cachexia](#)
- [Calcinosis](#)
- [Carcinoma](#)
- [Cardiovascular Diseases](#)
- [Cerebral Palsy](#)
- [Cerebrovascular Accident](#)
- [Chlamydophila Infections](#)
- [Chorioamnionitis](#)
- [Choroidal Neovascularization](#)

- [Chronic Disease](#)
- [Colitis](#)
- [Colon cancer](#)
- [Colonic Neoplasms](#)
- [Colonic Polyps](#)
- [Colorectal Neoplasms](#)
- [Connective Tissue Diseases](#)
- [Coronary Artery Disease](#)
- [Coronary Restenosis](#)
- [Cystic fibrosis](#)
- [Cytomegalovirus Infections](#)
- [Dementia](#)
- [Dermatitis](#)
- [Diabetes Complications](#)
- [Diabetes Mellitus](#)
- [Diabetic Nephropathies](#)
- [Diarrhea](#)
- [Disease Models](#)
- [Disease Progression](#)
- [Ductus Arteriosus](#)
- [Duodenal Ulcer](#)
- [Edema](#)
- [Enterocolitis](#)
- [Enterovirus Infections](#)
- [Epilepsy](#)
- [Esophageal Neoplasms](#)

- [Esophagitis](#)
- [Fatigue](#)
- [Fetal Diseases](#)
- [Fetal Membranes](#)
- [Fever](#)
- [Gastritis](#)
- [Genetic Predisposition to Disease](#)
- [Genomic Instability](#)
- [Glioblastoma](#)
- [Glioma](#)
- [Gram-Negative Bacterial Infections](#)
- [Graves Disease](#)
- [Helicobacter Infections](#)
- [Hematologic Diseases](#)
- [Hernia](#)
- [Herpesviridae Infections](#)
- [HIV Infections](#)
- [Hodgkin Disease](#)
- [Hypersensitivity](#)
- [Infant](#)
- [Infection](#)
- [Inflammation](#)
- [Ischemia](#)
- [Kidney Diseases](#)
- [Kidney Failure](#)
- [Laryngeal Neoplasms](#)

- [Leiomyoma](#)
- [Leukemia](#)
- [Lichen Planus](#)
- [Liver Cirrhosis](#)
- [Lung Diseases](#)
- [Lung Neoplasms](#)
- [Lupus Erythematosus](#)
- [Lymphadenitis](#)
- [Lymphatic Metastasis](#)
- [Lymphoma](#)
- [Lymphoproliferative Disorders](#)
- [Macular Degeneration](#)
- [Maduromycosis](#)
- [Malignant melanoma](#)
- [Melanoma](#)
- [Meningeal Neoplasms](#)
- [Meningioma](#)
- [Metabolic Syndrome X](#)
- [Metaplasia](#)
- [Mouth Neoplasms](#)
- [Multiple Myeloma](#)
- [Multiple Organ Failure](#)
- [Multiple Sclerosis](#)
- [Multiple System Atrophy](#)
- [Multiple Trauma](#)
- [Musculoskeletal Diseases](#)

- [Mycobacterium Infections](#)
- [Myocardial Infarction](#)
- [Nasopharyngeal Neoplasms](#)
- [Neoplasm Invasiveness](#)
- [Neoplasm Recurrence](#)
- [Neoplasms](#)
- [Neovascularization](#)
- [Nephritis](#)
- [Obesity](#)
- [Obstetric Labor](#)
- [Occupational Diseases](#)
- [Osteoarthritis](#)
- [Osteoporosis](#)
- [Otitis Media](#)
- [Ovarian cancer](#)
- [Ovarian Neoplasms](#)
- [Pain](#)
- [Pancreatic cancer](#)
- [Pancreatic Neoplasms](#)
- [Pancreatitis](#)
- [Papillomavirus Infections](#)
- [Parkinson disease](#)
- [Pemphigoid](#)
- [Peptic Ulcer](#)
- [Periodontitis](#)
- [Pharyngeal Neoplasms](#)

- [Postoperative Complications](#)
- [Precancerous Conditions](#)
- [Pre-Eclampsia](#)
- [Pregnancy Complications](#)
- [Premature Birth](#)
- [Prenatal Exposure Delayed Effects](#)
- [Prostate cancer](#)
- [Prostatic Hyperplasia](#)
- [Prostatic Neoplasms](#)
- [Psoriasis](#)
- [Puerperal Disorders](#)
- [Pulmonary Disease](#)
- [Purpura](#)
- [Pyelonephritis](#)
- [Radiation Injuries](#)
- [Radiation Pneumonitis](#)
- [Rectal Neoplasms](#)
- [Recurrence](#)
- [Respiratory Distress Syndrome](#)
- [Respiratory Sounds](#)
- [Respiratory Syncytial Virus Infections](#)
- [Respiratory Tract Diseases](#)
- [Retinal Vein Occlusion](#)
- [Sarcoma](#)
- [Scleroderma](#)
- [Seizures](#)

- [Sepsis](#)
- [Skin Diseases](#)
- [Skin Neoplasms](#)
- [Stomach Diseases](#)
- [Stomach Neoplasms](#)
- [Stomach Ulcer](#)
- [Streptococcal Infections](#)
- [Systemic Inflammatory Response Syndrome](#)
- [Tongue Neoplasms](#)
- [Trachoma](#)
- [Trypanosomiasis](#)
- [Tuberculosis](#)
- [Urinary Bladder Neoplasms](#)
- [Urinary Tract Infections](#)
- [Uterine Cervical Neoplasms](#)
- [Uterine Neoplasms](#)
- [Vaginal Diseases](#)
- [Vaginosis](#)
- [Vesico-Ureteral Reflux](#)
- [Waldenstrom Macroglobulinemia](#)
- [Werner syndrome](#)