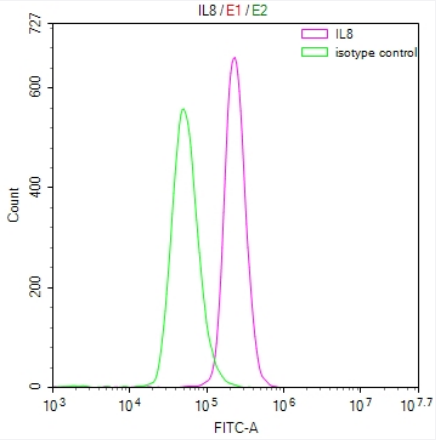
RecomAb™

IL8 recombinant monoclonal antibody, clone 33A9

Catalog # RAB07672 Size 100 uL

Applications



Flow Cytometry

Overlay Peak curve showing U937 cells stained with IL8 recombinant monoclonal antibody, clone 33A9 (red line) at 1:50.

Specification

Product Description	Rabbit recombinant monoclonal antibody raised against human IL8.
Antibody Species	Rabbit
Immunogen	Original antibody is raised against a synthetic peptide corresponding to human IL8.
Reactivity	Human
Form	Liquid
Preparation Method	Mammalian cell (HEK293) expression system
Purification	Affinity chromatography purification
Isotype	IgG
Recommend Usage	ELISA Flow Cytometry(1:50-1:200) The optimal working dilution should be determined by the end user.

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Storage Buffer	In PBS, pH7.4 (150 mM NaCl, 0.02% sodium azide and 50% glycerol)
Storage Instruction	Store at -20°C or -80°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which shoul d be handled by trained staff only.

Applications

- Flow Cytometry

  Overlay Peak curve showing U937 cells stained with IL8 recombinant monoclonal antibody, clone 33A9 (red line) at 1:50.

- Enzyme-linked Immunoabsorbent Assay

Gene Info — IL8

Entrez GeneID	3576
Protein Accession#	P10145
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 b elieved to play a role in the pathogenesis of bronchiolitis, a common respiratory tract disease cau sed 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|emo ctakin|granulocyte chemotactic protein 1|lymphocyte-derived neutrophil-activating factor|monocyte -derived neutrophil chemotactic factor|neutrophil-activating p

Pathway

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- 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

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- 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

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- 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

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- 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

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- 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

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- 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

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- 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

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- Urinary Tract Infections
- Uterine Cervical Neoplasms
- Uterine Neoplasms
- Vaginal Diseases
- Vaginosis
- Vesico-Ureteral Reflux
- Waldenstrom Macroglobulinemia
- Werner syndrome

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