IL13 monoclonal antibody, clone JES10-2E10 (Biotin)

Catalog # MAB5873 Size 500 ug

Specification

Product Description	Rat monoclonal antibody raised against recombinant IL13.
Immunogen	Recombinant protein corresponding to human IL13.
Host	Rat
Reactivity	Human
Specificity	human Interleukin-13 (IL-13)1,2. This is a neutralizing antibody.
Form	Liquid
Conjugation	Biotin
Isotype	IgG1, kappa
Recommend Usage	The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS (0.09% sodium azide)
Storage Instruction	Store at 4°C.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which shoul d be handled by trained staff only.

Applications

- Enzyme-linked Immunoabsorbent Assay

Gene Info — IL13

Entrez GeneID	3596

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Gene Name	IL13
Gene Alias	ALRH, BHR1, IL-13, MGC116786, MGC116788, MGC116789, P600
Gene Description	interleukin 13
Omim ID	147683 600807 607154
Gene Ontology	Hyperlink
Gene Summary	This gene encodes an immunoregulatory cytokine produced primarily by activated Th2 cells. This cytokine is involved in several stages of B-cell maturation and differentiation. It up-regulates CD23 and MHC class II expression, and promotes IgE isotype switching of B cells. This cytokine down-regulates macrophage activity, thereby inhibits the production of pro-inflammatory cytokines and chemokines. This cytokine is found to be critical to the pathogenesis of allergen-induced asthma but operates through mechanisms independent of IgE and eosinophils. This gene, IL3, IL5, IL4, and CSF2 form a cytokine gene cluster on chromosome 5q, with this gene particularly close to IL4. [provided by RefSeq
Other Designations	-

Pathway

- Asthma
- Cytokine-cytokine receptor interaction
- Fc epsilon RI signaling pathway
- Jak-STAT signaling pathway

Disease

- Acquired Immunodeficiency Syndrome
- Adenocarcinoma
- Aggressive Periodontitis
- Arthritis
- Asthma
- Atherosclerosis
- Biliary Tract Neoplasms

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- Brain Ischemia
- Brain Neoplasms
- Breast cancer
- Breast Neoplasms
- Bronchial Hyperreactivity
- Bronchiolitis
- Calcinosis
- Carcinoma
- Cardiovascular Diseases
- Cataract
- Celiac Disease
- Central Nervous System Neoplasms
- Chlamydia Infections
- Chronic Periodontitis
- Colitis
- Conjunctivitis
- Connective Tissue Diseases
- Coronary Artery Disease
- Coronary Disease
- Dermatitis
- Diabetes Mellitus
- Disease Progression
- Disease Susceptibility
- Drug Hypersensitivity
- Eczema
- Edema

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- Egg Hypersensitivity
- Eosinophilia
- Epidermal Necrolysis
- Erythema Nodosum
- Esophageal Neoplasms
- Esophagitis
- Eye Diseases
- Fetal Diseases
- Fibrosis
- Food Hypersensitivity
- Gastritis
- Genetic Predisposition to Disease
- Gingival Hemorrhage
- Glioblastoma
- Glioma
- Glomerulonephritis
- Graves Disease
- Helicobacter Infections
- Hematologic Diseases
- HIV Infections
- Hodgkin Disease
- Hypersensitivity
- Hypertension
- Infant
- Infection
- Inflammation

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- Inflammatory Bowel Diseases
- Kidney Failure
- Latex Hypersensitivity
- Liver Cirrhosis
- Lung Neoplasms
- Lupus Erythematosus
- Lymphoma
- Lymphoproliferative Disorders
- Malaria
- Mastocytosis
- Migraine Disorders
- Multiple Myeloma
- Multiple Sclerosis
- Musculoskeletal Diseases
- Neoplasms
- Nephrosis
- Nephrotic Syndrome
- Obesity
- Occupational Diseases
- Onchocerciasis
- Osteoarthritis
- Osteoporosis
- Pain
- Parasitemia
- Pemphigoid
- Peptic Ulcer

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- Periodontal Attachment Loss
- Periodontal Pocket
- Periodontitis
- Pre-Eclampsia
- Pregnancy Complications
- Premature Birth
- Prenatal Exposure Delayed Effects
- Prostatic Neoplasms
- Psoriasis
- Puerperal Disorders
- Pulmonary Disease
- Radiation Injuries
- Radiation Pneumonitis
- Recurrence
- Respiratory Hypersensitivity
- Respiratory Sounds
- Respiratory Syncytial Virus Infections
- Rhinitis
- Sarcoidosis
- Sarcoma
- Schistosomiasis japonica
- Schistosomiasis mansoni
- Scleroderma
- Sepsis
- Skin Diseases
- Stevens-Johnson Syndrome

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- Streptococcal Infections
- Stroke
- Trachoma
- Tuberculosis
- Urinary Bladder Neoplasms
- Vaginosis
- Waldenstrom Macroglobulinemia
- Werner syndrome

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