CCL11 polyclonal antibody

Catalog # PAB11429 Size 100 ug

Specification

Product Description	Goat polyclonal antibody raised against synthetic peptide of CCL11.
Immunogen	A synthetic peptide corresponding to human CCL11.
Sequence	C-QDSMKYLDQKSPTPK
Host	Goat
Theoretical MW (kDa)	10.7
Form	Liquid
Purification	Antigen affinity purification
Concentration	0.5 mg/mL
Quality Control Testing	Antibody Reactive Against Synthetic Peptide.
Recommend Usage	ELISA (1:2000) The optimal working dilution should be determined by the end user.
Storage Buffer	In Tris saline, pH 7.3 (0.5% BSA, 0.02% sodium azide)
Storage Instruction	Store at -20°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

- Enzyme-linked Immunoabsorbent Assay

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Gene Info — CCL11

Entrez GeneID	6356
Protein Accession#	NP_002977.1
Gene Name	CCL11
Gene Alias	MGC22554, SCYA11
Gene Description	chemokine (C-C motif) ligand 11
Omim ID	600807 601156 609423
Gene Ontology	Hyperlink
Gene Summary	This gene is one of several Cys-Cys (CC) cytokine genes clustered on the q-arm of chromosome 17. Cytokines are a family of secreted proteins involved in immunoregulatory and inflammatory pr ocesses. The CC cytokines are proteins characterized by two adjacent cysteines. The cytokine e ncoded by this gene displays chemotactic activity for eosinophils, but not mononuclear cells or ne utrophils. This eosinophil specific chemokine assumed to be involved in eosinophilic inflammatory diseases such as atopic dermatitis, allergic rhinitis, asthma and parasitic infections. [provided by RefSeq
Other Designations	eosinophil chemotactic protein|eotaxin|small inducible cytokine A11|small inducible cytokine subf amily A (Cys-Cys), member 11 (eotaxin)

Publication Reference

- Differential regulation of CCL-11/eotaxin-1 and CXCL-8/IL-8 by gram-positive and gram-negative bacteria in human airway smooth muscle cells.

  Issa R, Sorrentino R, Sukkar MB, Sriskandan S, Chung KF, Mitchell JA.

  Respiratory Research 2008 Apr; 9:30.

  Application: ELISA, Human, Human airway smooth muscle cells

Pathway

- Asthma
- Chemokine signaling pathway
- Cytokine-cytokine receptor interaction

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Disease

- Arthritis
- Asthma
- Atherosclerosis
- Birth Weight
- Brain Ischemia
- Bronchial Hyperreactivity
- Bronchiolitis
- Calcinosis
- Cardiovascular Diseases
- Cerebral Infarction
- Chlamydia Infections
- Colitis
- Constriction
- Coronary Artery Disease
- Coronary Disease
- Dermatitis
- Diabetes Mellitus
- Disease Progression
- Edema
- Encephalomyelitis
- Genetic Predisposition to Disease
- Glioblastoma
- Glioma
- HIV Infections

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- Hypercholesterolemia
- Hypersensitivity
- Hypertension
- Infant
- Inflammation
- Intracranial Thrombosis
- Kidney Failure
- Leukemia
- Meningeal Neoplasms
- Meningioma
- Metabolic Syndrome X
- Migraine Disorders
- Multiple Sclerosis
- Myocardial Infarction
- Obesity
- Osteoporosis
- Ovarian Neoplasms
- Pulmonary Disease
- Recurrence
- Renal Insufficiency
- Respiratory Syncytial Virus Infections
- Stroke
- Trachoma
- Werner syndrome

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