RecomAb™

CSF2RB recombinant monoclonal antibody, clone BION-1

Catalog # RAB03160 Size 200 ug

Specification

Product Description	Mouse recombinant monoclonal antibody raised against human CSF2RB.
Antibody Species	Mouse
Immunogen	Original antibody is raised against COS cells transfected DQP (Domain 4 of the common beta-chain) expression constructs.
Reactivity	Human
Form	Liquid
Preparation Method	Mammalian cell (HEK293) expression system
Isotype	IgG1 kappa
Recommend Usage	Blocking Crystallography Functional Study Immunohistochemistry Immunoprecipitation Western Blot The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS with 0.02% Proclin 300
Storage Instruction	Store at 4°C for up to 3 months. For longer storage, aliquot and store at -20°C. Aliquot to avoid repeated freezing and thawing.

Applications

- Functional Study
- Immunohistochemistry

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- Immunoprecipitation
- Western Blot
- Blocking
- Crystallography

Gene Info — CSF2RB

Entrez GeneID	1439
Gene Name	CSF2RB
Gene Alias	CD131, CDw131, IL3RB, IL5RB
Gene Description	colony stimulating factor 2 receptor, beta, low-affinity (granulocyte-macrophage)
Omim ID	138981 265120
Gene Ontology	Hyperlink
Gene Summary	The protein encoded by this gene is the common beta chain of the high affinity receptor for IL-3, IL-5 and CSF. Defects in this gene have been reported to be associated with protein alveolar proteinosis (PAP). [provided by RefSeq
Other Designations	GM-CSF/IL-3/IL-5 receptor common beta-chain|colony stimulating factor 2 receptor, beta|colony-stimulating factor-2 receptor, beta, low-affinity|cytokine receptor common subunit beta|interleukin 3 receptor/granulocyte-macrophage colony stimulating factor 3

Pathway

- Apoptosis
- Cytokine-cytokine receptor interaction
- Jak-STAT signaling pathway

Disease

- Asthma

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- Bipolar Disorder
- Bronchial Hyperreactivity
- Cardiovascular Diseases
- Diabetes Mellitus
- Edema
- Genetic Predisposition to Disease
- Hypersensitivity
- Kidney Failure
- Rhinitis
- Schizophrenia

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