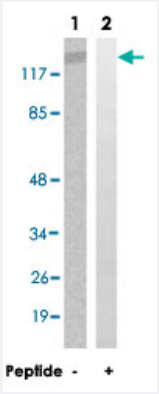
CSF2RB polyclonal antibody

Catalog # PAB18157 Size 100 ug

Applications



Western Blot (Cell lysate)

Western blot analysis of extracts from HepG2 cells using CSF2RB polyclonal antibody (Cat # PAB18157).
Peptide "+" means "peptide blocking".

Specification

Product Description	Rabbit polyclonal antibody raised against synthetic peptide of CSF2RB.
Immunogen	A synthetic peptide corresponding to human CSF2RB.
Host	Rabbit
Reactivity	Human, Mouse, Rat
Form	Liquid
Purification	Affinity purification
Concentration	1 mg/mL
Recommend Usage	Western Blot (1:500-1:1000) ELISA (1:5000) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS (without Mg2+ and Ca2+), pH 7.4, 150mM NaCl (0.02% sodium azide, 50% glycerol)

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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

- Immunohistochemistry
- Enzyme-linked Immunoabsorbent Assay
- Western Blot (Cell lysate)

  Western blot analysis of extracts from HepG2 cells using CSF2RB polyclonal antibody (Cat # PAB18157). Peptide "+" means "peptide blocking".

Gene Info — CSF2RB

Entrez GeneID	1439
Protein Accession#	P32927
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 protei nosis (PAP). [provided by RefSeq
Other Designations	GM-CSF/IL-3/IL-5 receptor common beta-chain|colony stimulating factor 2 receptor, beta|colony-s timulating factor-2 receptor, beta, low-affinity|cytokine receptor common subunit beta|interleukin 3 receptor/granulocyte-macrophage colony stimulating factor 3

Publication Reference

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- Recurring chromosomal abnormalities in leukemia in PML-RARA transgenic mice identify cooperating events and genetic pathways to acute promyelocytic leukemia.

  Le Beau MM, Davis EM, Patel B, Phan VT, Sohal J, Kogan SC.

  Blood 2003 Aug; 102(3):1072.

- The LIM-only protein DRAL/FHL2 interacts with and is a corepressor for the promyelocytic leukemia zinc finger protein.

  McLoughlin P, Ehler E, Carlile G, Licht JD, Schafer BW.

  The Journal of Biological Chemistry 2002 Oct; 277(40):37045.

Pathway

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

Disease

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

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