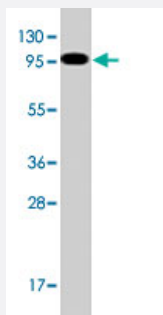


CSF2RB polyclonal antibody

Catalog # PAB4461

Size 400 uL

Applications



Western Blot (Cell lysate)

Western blot analysis of CSF2RB polyclonal antibody (Cat # PAB4461) in HL-60 cell line lysates (35 ug/lane). CSF2RB (arrow) was detected using the purified CSF2RB polyclonal antibody (Cat # PAB4461) (1 : 60 dilution).

Specification

Product Description	Rabbit polyclonal antibody raised against synthetic peptide of CSF2RB.
Immunogen	A synthetic peptide (conjugated with KLH) corresponding to C-terminus (V759) of human CSF2RB.
Host	Rabbit
Reactivity	Human
Form	Liquid
Purification	Protein A purification
Recommend Usage	ELISA (1:1000) Western Blot (1:50-100) 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. For long term storage store at -20°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Western Blot (Cell lysate)

Western blot analysis of CSF2RB polyclonal antibody (Cat # PAB4461) in HL-60 cell line lysates (35 ug/lane). CSF2RB (arrow) was detected using the purified CSF2RB polyclonal antibody (Cat # PAB4461) (1 : 60 dilution).

- Enzyme-linked Immunoabsorbent Assay

Gene Info — CSF2RB

Entrez GeneID	1439
Protein Accession#	NP_000386: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 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

Publication Reference

- [Interleukin-3 binding to the murine betall-3 and human betac receptors involves functional epitopes formed by domains 1 and 4 of different protein chains.](#)

Murphy JM, Ford SC, Olsen JE, Gustin SE, Jeffrey PD, Ollis DL, Young IG.

The Journal of Biological Chemistry 2004 Jun; 279(25):26500.

- [Molecular assembly of the ternary granulocyte-macrophage colony-stimulating factor receptor complex.](#)

McClure BJ, Hercus TR, Cambareri BA, Woodcock JM, Bagley CJ, Howlett GJ, Lopez AF.

Blood 2003 Feb; 101(4):1308.

- [Biosensor analysis of dynamics of interleukin 5 receptor subunit beta\(c\) interaction with IL5:IL5R\(alpha\) complexes.](#)

Scibek JJ, Evergren E, Zahn S, Canziani GA, Van Ryk D, Chaiken IM.

Analytical Biochemistry 2002 Aug; 307(2):258.

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](#)