



IL-3R β Monoclonal Antibody

Catalog No	YP-mAb-13379
Isotype	IgG
Reactivity	Human;Mouse;Rat
Applications	WB
Gene Name	CSF2RB
Immunogen	The antiserum was produced against synthesized peptide derived from human IL-3R beta. AA range:559-608
Specificity	IL-3R β Monoclonal Antibody detects endogenous levels of IL-3R β protein.
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source	Monoclonal, Mouse,IgG
Purification	The antibody was affinity-purified from mouse antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	WB 1:500-1:2000
Concentration	1 mg/ml
Purity	$\geq 90\%$
Storage Stability	-20°C/1 year
Synonyms	CSF2RB;IL-3RB;IL3RB;GM-CSF/IL-3/IL-5 receptor common beta subunit; CDw131;IL-3R β ;Cytokine receptor common subunit beta;IL5RB;CD antigen CD131
Observed Band	125kD
Calculated Molecular Weight	125kD
Cell Pathway	Membrane; Single-pass type I membrane protein.
Tissue Specificity	Placenta,
Function	disease:Defects in CSF2RB are a cause of congenital pulmonary alveolar proteinosis (PAP) [MIM:265120]. PAP is an autosomal recessive fatal respiratory disease.,domain:The box 1 motif is required for JAK interaction and/or activation.,domain:The WSXWS motif appears to be necessary for proper protein folding and thereby efficient intracellular transport and cell-surface receptor binding.,function:High affinity receptor for interleukin-3, interleukin-5 and granulocyte-macrophage colony-stimulating factor.,similarity:Belongs to the type I cytokine receptor family. Type 4 subfamily.,similarity:Contains 2 fibronectin type-III domains.,subunit:Heterodimer of an alpha and a beta subunit. The beta subunit is common to the IL3, IL5 and GM-CSF receptors.,



Background

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, Jul 2008],

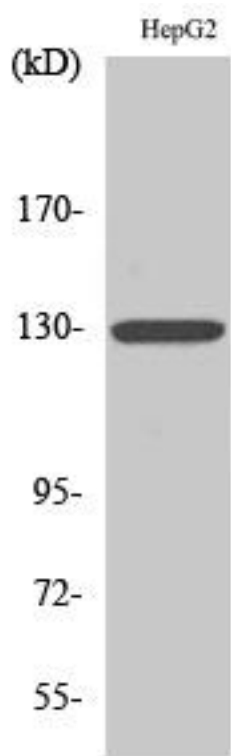
matters needing attention

Avoid repeated freezing and thawing!

Usage suggestions

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

Products Images



Western Blot analysis of various cells using IL-3R β Monoclonal Antibody