



IL-13 (PT1878R) Rabbit mAb

Catalog No	YP-rAb-18540
Isotype	IgG
Reactivity	Human,Mouse,Rat
Applications	WB、IHC、IF、ELISA
Gene Name	IL13
Immunogen	The specific immunogen used to produce this antibody is proprietary information.
Specificity	Endogenous
Formulation	PBS, 50% glycerol, 0.05% Proclin 300, 0.05%BSA
Source	Monoclonal, Rabbit,IgG
Purification	Recombinant Antibody expressed in animal component-free (ACF) media, purified via Protein A affinity chromatography.
Dilution	IHC 1:200-1:1000; WB 1:2000-1:10000; IF 1:200-1:1000; ELISA 1:5000-1:20000 Note: For IHC, we suggest antigen retrieval with TE buffer pH 9.0 (Cat#YS0004)
Concentration	0.5 mg/ml
Purity	≥90%
Storage Stability	-15°C to -25°C/1 year(Do not lower than -25°C)
Synonyms	IL13;Interleukin-13;IL13 ;NC30 ;Interleukin-13 ;IL-13
Observed Band	41kD
Calculated Molecular Weight	16kD
Cell Pathway	Secreted.
Tissue Specificity	
Function	regulation of immunoglobulin production , positive regulation of immunoglobulin production , positive regulation of immune system process , regulation of leukocyte activation , positive regulation of leukocyte activation , regulation of immune effector process , positive regulation of immune effector process , regulation of production of molecular mediator of immune response , positive regulation of production of molecular mediator of immune response , cell motion , defense response , inflammatory response , immune response , cell-cell signaling , positive regulation of cell proliferation , response to wounding , regulation of B cell proliferation , positive regulation of B cell proliferation ,regulation of protein localization , regulation of mononuclear cell proliferation , positive regulation of mononuclear cell proliferation , regulation of cell proliferation , regulation of ion transport , positive regulation of ion transport , regulation of lymphocyte proliferation , positive regulation of lymphocyte proliferation , regulation of protein secretion , positive regulation of protein secretion , regulation of B cell activation , regulation of cell activation , positive regulation of cell activation , positive



regulation of B cell activation , regulation of secretion , positive regulation of secretion , positive regulation of transport , positive regulation of protein transport , regulation of protein transport , regulation of lymphocyte activation , positive regulation of lymphocyte activation , regulation of cellular localization , regulation of establishment of protein localization , regulation of leukocyte proliferation , positive regulation of leukocyte proliferation ,

Background

caution:It is uncertain whether Met-1 or Met-15 is the initiator.function:Cytokine. Inhibits inflammatory cytokine production. Synergizes with IL2 in regulating interferon-gamma synthesis. May be critical in regulating inflammatory and immune responses. ,online information:Interleukin-13 entry ,polymorphism:Gln-130 is a significant risk factor for asthma development. Gln/Gln at position 130 is associated with higher levels of serum total IgE than Arg/Arg in Chinese allergic rhinitis [MIM:607154] patients. ,similarity:Belongs to the IL-4/IL-13 family. ,

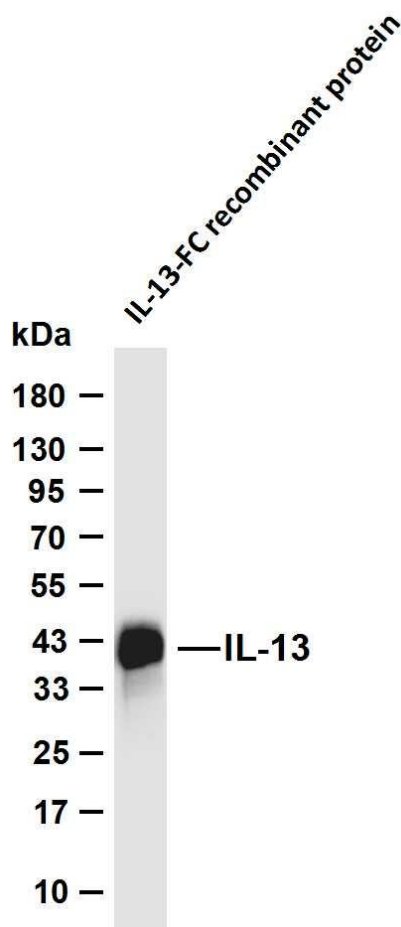
matters needing attention

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

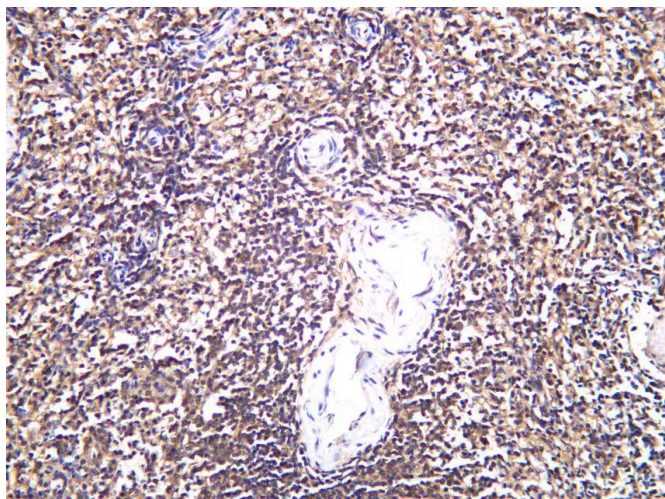


Various whole cell lysates were separated by 4-20% SDS-PAGE, and the membrane was blotted with anti-IL-13 (PT1878R) antibody. The HRP-conjugated Goat anti-Rabbit IgG (H + L) antibody was used to detect the antibody.

Lane 1: IL-13-FC recombinant protein

Predicted band size: 16kDa

Observed band size: 41kDa



Human spleen was stained with anti-IL-13 (PT1878R)
Rabbit antibody