



IL-1F8 Monoclonal Antibody

Catalog No	YP-mAb-16043
Isotype	IgG
Reactivity	Human;Mouse;Rat
Applications	WB
Gene Name	IL36B
Immunogen	The antiserum was produced against synthesized peptide derived from the C-terminal region of human IL36B. AA range:111-160
Specificity	IL-1F8 Monoclonal Antibody detects endogenous levels of IL-1F8 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	≥90%
Storage Stability	-20°C/1 year
Synonyms	FIL1;FIL1 (ETA);FIL1 eta;FIL1H;IL 1 eta;IL 1F8;IL 1H2;IL1 ETA;IL1F8;IL-1F8;IL1H2;IL36B;IL-36B;IL36-Beta;Interleukin 1 eta;Interleukin 1 family member 8;Interleukin 1 homolog 2;Interleukin-36 beta;Interleukin-1 eta;IL-1 eta;Interleukin-1 family member 8;Interleukin-1 homolog 2;IL-1H2
Observed Band	19kD
Calculated Molecular Weight	19kD
Cell Pathway	Cytoplasm . Secreted . The secretion is dependent on protein unfolding and facilitated by the cargo receptor TMED10; it results in protein translocation from the cytoplasm into the ERGIC (endoplasmic reticulum-Golgi intermediate compartment) followed by vesicle entry and secretion. .
Tissue Specificity	Expression at low levels in tonsil, bone marrow, heart, placenta, lung, testis and colon but not in any hematopoietic cell lines. Not detected in adipose tissue. Expressed at higher levels in psoriatic plaques than in symptomless psoriatic skin or healthy control skin. Increased levels are not detected in inflamed joint tissue.
Function	online information:Interleukin-1 entry,similarity:Belongs to the IL-1 family.,tissue specificity:Expression at low levels in tonsil, bone marrow, heart, placenta, lung, testis and colon but not in other tissues or in any hematopoietic cell lines.,



Background

The protein encoded by this gene is a member of the interleukin 1 cytokine family. Protein structure modeling indicated that this cytokine may contain a 12-stranded beta-trefoil structure that is conserved between IL1A (IL-A alpha) and IL1B (IL-1 beta). This gene and eight other interleukin 1 family genes form a cytokine gene cluster on chromosome 2. Two alternatively spliced transcript variants encoding distinct isoforms have been reported. [provided by RefSeq, Jul 2008],

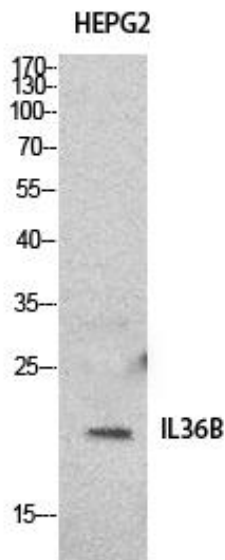
matters needing attention

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-1F8 Monoclonal Antibody