



IL-9R Monoclonal Antibody

Catalog No	YP-mAb-13745
Isotype	IgG
Reactivity	Human;Mouse;Rat
Applications	WB
Gene Name	IL9R
Immunogen	The antiserum was produced against synthesized peptide derived from the Internal region of human IL9R. AA range:201-250
Specificity	IL-9R Monoclonal Antibody detects endogenous levels of IL-9R 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	CD129;IL-9R;IL9R;Interleukin-9 receptor;IL-9 receptor
Observed Band	58kD
Calculated Molecular Weight	58kD
Cell Pathway	Cell membrane; Single-pass type I membrane protein. Secreted.
Tissue Specificity	Melanoma,
Function	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:This is a receptor for interleukin-9.,miscellaneous:The gene encoding for this protein is located in the pseudoautosomal region 2 (PAR2) of X and Y chromosomes.,similarity:Belongs to the type I cytokine receptor family. Type 4 subfamily.,similarity:Contains 1 fibronectin type-III domain.,
Background	The protein encoded by this gene is a cytokine receptor that specifically mediates the biological effects of interleukin 9 (IL9). The functional IL9 receptor complex requires this protein as well as the interleukin 2 receptor, gamma (IL2RG), a common gamma subunit shared by the receptors of many different



cytokines. The ligand binding of this receptor leads to the activation of various JAK kinases and STAT proteins, which connect to different biologic responses. This gene is located at the pseudoautosomal regions of X and Y chromosomes. Genetic studies suggested an association of this gene with the development of asthma. Multiple pseudogenes on chromosome 9, 10, 16, and 18 have been described. Alternatively spliced transcript variants have been found for this gene. [provided by RefSeq, Jul 2008],

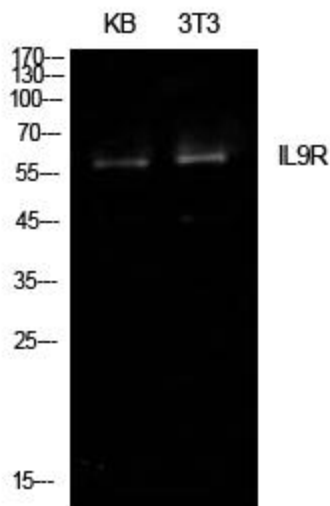
matters needing attention

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-9R Monoclonal Antibody