



IL1RA mouse mAb

Catalog No	YP-mAb-12427
Isotype	IgG
Reactivity	Human;Mouse;Rat
Applications	WB
Gene Name	IL1RN IL1F3 IL1RA
Immunogen	Synthesized peptide derived from human IL1RA
Specificity	This antibody detects endogenous levels of Human IL1RA
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	IL 1ra;IL1RN;ICIL-1RA;IL 1RN;IL1RA;IL1RN IL1F3 IL1RA;Interleukin-1 receptor antagonist protein (IL-1RN;IL-1ra;IRAP;IL1 inhibitor;Anakinra)
Observed Band	18-20 kDa
Calculated Molecular Weight	20 kDa
Cell Pathway	[Isoform 1]: Secreted.; [Isoform 2]: Cytoplasm.; [Isoform 3]: Cytoplasm.; [Isoform 4]: Cytoplasm.
Tissue Specificity	The intracellular form of IL1RN is predominantly expressed in epithelial cells.
Function	defense response, inflammatory response, immune response, response to wounding, response to endogenous stimulus, response to hormone stimulus, response to organic substance, response to corticosteroid stimulus,response to steroid hormone stimulus, response to glucocorticoid stimulus,
Background	disease:Genetic variation in IL1RN is associated with susceptibility to diabetic nephropathy [MIM:612628]; also called susceptibility to microvascular complications of diabetes type 4 (MVCD4). Diabetic nephropathy is a kidney disease and resultant kidney function impairment due to the long standing effects of diabetes on the microvasculature (glomerulus) of the kidney. Features include increased urine protein and declining kidney function.,function:Inhibits



the activity of IL-1 by binding to its receptor. Has no IL-1 like activity.,online information:Interleukin-1 entry,online information:The Singapore human mutation and polymorphism database,pharmaceutical:Available under the name Kineret (Amgen). Used for the reduction in signs and symptoms and slowing the progression of structural damage in moderately to severely active rheumatoid arthritis.,similarity:Belongs to the IL-1 family.,tissue specificity:The intracellular form of IL1RN is predominantly expressed in epithelial cells.,

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