Recombinant IL-1RA/IL1RN Monoclonal Antibody

catalog number: **AN300077P**

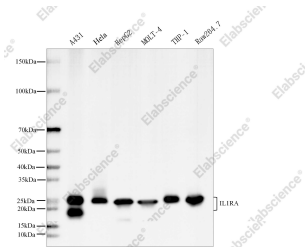
Note: *Centrifuge before opening to ensure complete recovery of vial contents.*

Description

Reactivity	Human;Mouse;Rat
Immunogen	A synthetic peptide corresponding to the center region of the human IL1Ra / IL1RN.
Host	Rabbit
Isotype	Rabbit IgG
Clone	C110059
Purification	Protein A
Buffer	0.2 μm filtered solution in PBS

Applications	Recommended Dilution
IHC	1:200-1:1000
WB	1:2000-1:10000
IF	1:200-1:1000
ELISA	1:5000-1:20000
IP	1:50-1:200

Data



Western blot analysis of A431,Hela,HepG2,MOLT-4,THP-1 and Raw264.7 cell lysates using IL-1RA/IL1RN Antibody (AN300077P) at a dilution of 1:3000.

Observed-MW:20kD

Calculated-MW:17kD

Preparation & Storage

Storage	Store at -20°C Valid for 12 months. Avoid freeze / thaw cycles.
Shipping	Ice bag

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. ,

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