

AM26338PU-N**Monoclonal Antibody to CD121a / IL1R1 - Purified**

Alternate names:	IL-1R-alpha, IL1R, IL1RA, IL1RT1, Interleukin-1 receptor alpha, Interleukin-1 receptor type 1, Interleukin-1 receptor type I
Quantity:	0.1 mg
Concentration:	0.1 mg/ml
Background:	The IL-1 system includes two agonists (IL-1alpha and IL-1beta), converting enzymes, antagonists, two receptors (IL-1RI and IL-1RII) and the IL-1 receptor accessory protein. Interleukin-1 signal is transduced through the type I receptor.
Uniprot ID:	P13504
NCBI:	10090
GeneID:	16177
Host / Isotype:	Rat / IgG1
Recommended Isotype Controls:	SM25P, SM25PX
Clone:	D14e3
Format:	State: Liquid 0.2 µm filtered Ig fraction Purification: Protein G Buffer System: PBS Preservatives: 0.02% sodium azide Stabilizers: 0.1% bovine serum albumin
Applications:	Western blot: The typical starting working dilution is 1:10. Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.
Specificity:	The monoclonal antibody binds to soluble mouse interleukin-1 receptor type I.
Species Reactivity:	Tested: Mouse
Storage:	Store at 2 - 8 °C. Shelf life: one year from despatch.
General Readings:	1. Kojouharoff G, Hans W, Obermeier F, Männel DN, Andus T, Schölmerich J, et al. Neutralization of tumour necrosis factor (TNF) but not of IL-1 reduces inflammation in chronic dextran sulphate sodium-induced colitis in mice. Clin Exp Immunol. 1997 Feb;107(2):353-8. PubMed PMID: 9030875. 2. Stern AS, Pan YC, Hellmann RS, Parker KP, Mueller D, Hulmes JD, et al. Purification of homogeneity and amino acid sequence analysis of a receptor protein for interleukin 1. Arch Biochem Biophys. 1989 Oct;274(1):26-36. PubMed PMID: 2528328.