

AM26341PU-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:	REG21
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:	Functional assays (Inhibition in biological assays, in vitro as well as in vivo). Immunoassays. Immunoprecipitation. Western blot: The typical starting working dilution is 1:10. Before use in biological assays, the product must be filter sterilized and depending on the concentration to be used dialyzed against culture medium to remove the sodium azide added. 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: Mouse. Other species not tested.
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.