

Rat IL-1 Rrp2/IL-1 R6 Antibody

Monoclonal Mouse IgG₁ Clone # 131011 Catalog Number: MAB573

DESCRIPTION		
Species Reactivity	Rat	
Specificity	Detects rat IL-1 Rrp2/IL-1 R6 in direct ELISAs and Western blots. In direct ELISAs and Western blots, 100% cross-reactivity with recombinan human (rh) IL-1 Rrp2 is observed and no cross-reactivity with recombinant mouse (rm) IL-1 RI, rmIL-1 RII, rhIL-1 RAcP, rmIL-1 R5, rmIL-1 R7, and rmIL-1 RAPL1 is observed.	
Source	Monoclonal Mouse IgG ₁ Clone # 131011	
Purification	Protein A or G purified from hybridoma culture supernatant	
Immunogen	Mouse myeloma cell line NS0-derived recoml Gly22-Tyr340 Accession # Q62929	binant rat IL-1 Rrp2/IL-1 R6
Formulation	Lyophilized from a 0.2 µm filtered solution in *Small pack size (-SP) is supplied either lyopl	PBS with Trehalose. See Certificate of Analysis for details. nilized or as a 0.2 μm filtered solution in PBS.
APPLICATIONS		
Please Note: Optimal dilut	ions should be determined by each laboratory for each applic	ation. General Protocols are available in the Technical Information section on our website.
	Recommended Concentration	Sample
Western Blot	1 µg/mL	Recombinant Rat IL-1 Rrp2/IL-1 R6 Fc Chimera (Catalog # 573-RP)

Reconstitution	Reconstitute at 0.5 mg/mL in sterile PBS.		
Shipping	The product is shipped at ambient temperature. Upon receipt, store it immediately at the temperature recommended below. *Small pack size (-SP) is shipped with polar packs. Upon receipt, store it immediately at -20 to -70 °C *Use a manual defrost freezer and avoid repeated freeze-thaw cycles. 12 months from date of receipt, -20 to -70 °C as supplied. 1 month, 2 to 8 °C under sterile conditions after reconstitution. 6 months, -20 to -70 °C under sterile conditions after reconstitution.		
Stability & Storage			

BACKGROUND

The Interleukin 1 receptor family (IL-1 R) comprises at least eleven members including IL-1 RI (IL-1 R1), IL-1 RI (IL-1 R2), IL-1 RACP (IL-1 R3), ST2 (T1/IL-1 R4), IL-18 Ra (IL-1 Rrp/IL-1 R5), IL-1 Rrp/IL-1 R5, IL-1 R75, IL-

References:

- 1. Boraschi, D. & A. Tagliabue (2006) Vitam. Horm. 74:229.
- 2. Lovenberg, T. W. et al. (1996) J. Neuroimmunol. 70:113.
- 3. Debets, R. et al. (2001) J. Immunol. 167:1440.
- Towne, J. E. et al. (2004) J. Biol. Chem. 279:13677.

