

**MONOCLONAL ANTIBODY TO  
MOUSE INTERLEUKIN-1 RECEPTOR TYPE I (p80)  
Clone Reg20**



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<b>Catalog nr</b>	HM1023 (lot number and expiry date are indicated on the label)
<b>Description</b>	The monoclonal antibody binds to soluble mouse interleukin-1 receptor type I. The IL-1 system includes two agonists (IL-1alpha and IL-1beta), converting enzymes, antagonists, two receptors (IL-1 RI and IL-1 RII) and the IL-1 receptor accessory protein. Interleukin-1 signal is transduced through the type I receptor.
<b>Species</b>	Rat IgG <sub>2a</sub>
<b>Formulation</b>	1 ml (100 µg/ml) 0.2 µm filtered antibody solution in PBS, containing 0.02% sodium azide and 0.1% bovine serum albumin.
<b>Application</b>	The antibody can be used for immuno assays, Western blotting, immuno precipitation and purification.
<b>Use</b>	For Western blotting dilutions to be used depend on detection system applied. It is recommended that users test the reagent and determine their own optimal dilutions. The typical starting working dilution is 1:10.
<b>Storage and stability</b>	Product should be stored at 4°C. Under recommended storage conditions, product is stable for one year.
<b>Precautions</b>	For research use only. Not for use in or on humans or animals or for diagnostics. It is the responsibility of the user to comply with all local/state and Federal rules in the use of this product. Hbt is not responsible for any patent infringements that might result with the use of or derivation of this product.
<b>References</b>	1. Kojouharoff, G et al; Neutralization of tumour necrosis factor (TNF) but not of IL-1 reduces inflammation in chronic dextran sulphate sodium induced colitis in mice. <i>Clin Exp Immunol</i> 1997, <i>107</i> : 353 2. Stern, A et al; Purification to homogeneity and amino acid sequence analysis of a receptor protein for interleukin-1. <i>Arch Biochem Biophys</i> 1989, <i>274</i> : 26
<b>Also available</b>	HM1022            Monoclonal antibody against Mouse IL-1 RI, clone Reg21 HM1024            Monoclonal antibody against Mouse IL-1 RI, clone D1f3 HM1025            Monoclonal antibody against Mouse IL-1 RI, clone D14e3