

**MONOCLONAL ANTIBODY TO
MOUSE INTERLEUKIN-1 RECEPTOR TYPE I (p80)
Clone D14e3**



Catalog nr	HM1025 (lot number and expiry date are indicated on the label)
Description	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.
Species	Rat IgG ₁
Formulation	1 ml (100 µg/ml) 0.2 µm filtered antibody solution in PBS, containing 0.02% sodium azide and 0.1% bovine serum albumin.
Application	The antibody can be used for Western blotting.
Use	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.
Storage and stability	Product should be stored at 4°C. Under recommended storage conditions, product is stable for one year.
Precautions	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.
References	<ol style="list-style-type: none">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>: 3532. 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
Also available	HM1022 Monoclonal antibody against Mouse IL-1 RI, clone Reg21 HM1023 Monoclonal antibody against Mouse IL-1 RI, clone Reg20 HM1024 Monoclonal antibody against Mouse IL-1 RI, clone D1f3