

**MONOCLONAL ANTIBODY TO
MOUSE TNF-RECEPTOR II (p75/p80)
Clone HM102**



Catalog nr	HM1011 (lot number and expiry date are indicated on the label)
Description	The monoclonal antibody HM102 reacts with the extra-cellular part of the mouse TNF-RII and with the soluble receptor. TNF-RII is present on most cell types and is considered to play a prominent role in cell stimulation by TNF-alpha. The TNF-RII molecule is shown to be responsible for stimulation of activated T-lymphocytes by TNF-alpha.
Species	Rat IgG _{2a}
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 monoclonal antibody HM102 is an <u>agonistic</u> antibody and can be used for cell culture experiments and for flow cytometry. Furthermore the monoclonal antibody HM102 is useful for immuno assays, immunoprecipitation and histology on frozen sections. The reactivity of the antibody with soluble TNF-Receptor is not inhibited by high concentrations of mouse TNF-alpha.
Use	For immunohistology and flow cytometry 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. Tacchini-Cottier, F et al; Role of TNFR1 and TNFR2 in TNF-induced platelet consumption in mice. <i>J Immunol</i> 1998, <i>160</i>: 61822. Mennini, T et al; Glial activation and TNFR-I upregulation precedes motor dysfunction in the spinal cord of <i>mnd</i> mice. <i>Cytokine</i> 2004, <i>25</i>: 1273. Bigini, P et al; Immunohistochemical localization of TNFalpha and its receptors in the rodent central nervous system. <i>Methods Mol Med</i> 2004, <i>98</i>: 73
Also available	HM1009 Monoclonal antibody against Mouse TNF-RI, clone HM104 HP8002 Polyloal antibody against Mouse TNF-RI HM1012 Biotinylated monoclonal antibody against Mouse TNF-RII, clone HM102 HP8003 Polyclonal antibody against Mouse TNF-RII