

**MONOCLONAL ANTIBODY TO
MOUSE TNF-RECEPTOR I (p55/p60)
Clone HM104**



Catalog nr	HM1009 (lot number and expiry date are indicated on the label)
Description	The monoclonal antibody HM104 reacts with the extra-cellular part of the mouse TNF-RI and with the soluble receptor. TNF-RI is present on most cell types and is considered to play a prominent role in cell stimulation by TNF-alpha. Induction of cytotoxicity and other most functions are mediated largely via TNF-RI.
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 HM104 can be used for flow cytometry. Furthermore the monoclonal antibody HM104 is useful for immuno assays, immunoprecipitation and immuno histology on frozen sections. The reactivity of the antibody with soluble TNF-Receptor is inhibited by high concentrations of both mouse and human TNF-alpha.
Use	For immuno histology 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. Mennini, T et al; Glial activation and TNFR-I upregulation precedes motor dysfunction in the spinal cord of <i>mnd</i> mice. Cytokine 2004, 25: 1272. Bigini, P et al; Immunohistochemical localization of TNFalpha and its receptors in the rodent central nervous system. Methods Mol Med 2004, 98: 73
Also available	HM1010 Biotinylated monoclonal antibody against Mouse TNF-RI, clone HM104 HP8002 Polyclonal antibody against Mouse TNF-RI HM1011 Monoclonal antibody against Mouse TNF-RII, clone HM102 HP8003 Polyclonal antibody against Mouse TNF-RII