

Product datasheet for **AM32019PU-N**

Tnfrsf1b Rat Monoclonal Antibody [Clone ID: HM102]

Product data:

Product Type:	Primary Antibodies
Clone Name:	HM102
Applications:	ELISA, FC, IHC, IP
Recommended Dilution:	Immunoassays. Immunoprecipitation. Flow Cytometry: Use 1/10 as starting working dilution. immunohistochemistry on Frozen Sections: Use 1/10 as starting working dilution.
Reactivity:	Mouse
Host:	Rat
Isotype:	IgG2a
Clonality:	Monoclonal
Specificity:	The antibody 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. The reactivity of the antibody with soluble TNF-Receptor is not inhibited by high concentrations of Mouse TNF-alpha.
Formulation:	PBS State: Aff - Purified State: Liquid purified IgG fraction (≥ 98% pure by SDS PAGE). Stabilizer: 0.1% BSA Preservative: 0.02% Sodium Azide
Concentration:	lot specific
Purification:	Affinity Chromatography on Protein G. Product is 0.22 µm Membrane filtered.
Conjugation:	Unconjugated
Storage:	Store undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.



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Gene Name:	tumor necrosis factor receptor superfamily, member 1b
Database Link:	Entrez Gene 21938 Mouse P25119
Background:	<p>Tumor Necrosis Factor (TNF) is a cytokine whose function is mediated through two distinct cell surface receptors (TNF Receptor I and TNF Receptor II) that are included in the TNF receptor superfamily along with FAS antigen and CD40. TNF receptors I and II are membrane glycoproteins and they are from the family of cell surface molecules including nerve growth factor receptor, Fas/Apo1, CD30, OX40, and 4-1BB, which are characterized by cysteine rich motifs in the extracellular domain.</p> <p>TNF Receptor II (p75, CD120b) is present on most cell types (including monocytes, endothelial cells, Langerhans cells, and macrophages) and is considered to play a role in cell stimulation by TNF alpha. TNF Receptor II molecule is shown to be responsible for stimulation of activated T lymphocytes by TNF alpha.</p>
Synonyms:	Tumor necrosis factor receptor 2, p80 TNF-alpha receptor, TNFRSF1B, TNFBR, TNF-R2