

Product datasheet for **AM01240PU-N**

TNFRSF1B Mouse Monoclonal Antibody [Clone ID: 2/220]

Product data:

Product Type:	Primary Antibodies
Clone Name:	2/220
Applications:	ELISA, FN, IHC, WB
Recommended Dilution:	Western Blot: 1-2 µg/ml. Using the concentration stated the detection limit is 10 ng/lane (reducing conditions). Immunohistochemistry on Frozen Sections: 15-25 µg/ml. ELISA: Using the concentrations stated the detection limits is 5 ng/well. Functional Assays.
Reactivity:	Human
Host:	Mouse
Isotype:	IgG2a
Clonality:	Monoclonal
Immunogen:	R-DNA
Specificity:	Reacts with recombinant and native soluble Human TNF RII. This antibody neutralises the biological effect of rhTNF RII, but not rhTNF RI.
Formulation:	PBS containing without preservatives or stabilizers State: Purified State: Liquid purified IgG fraction
Concentration:	lot specific
Purification:	Affinity Chromatography on Protein G
Conjugation:	Unconjugated
Storage:	Store the antibody undiluted (in aliquots) at -20°C. Avoid repeated freezing and thawing. Should this product contain a precipitate we recommend microcentrifugation before use.
Stability:	Shelf life: one year from despatch.
Gene Name:	tumor necrosis factor receptor superfamily member 1B
Database Link:	Entrez Gene 7133 Human P20333



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Background:

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.

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.

Synonyms:

Tumor necrosis factor receptor 2, p80 TNF-alpha receptor, TNFRSF1B, TNFBR, TNF-R2

Note:

Endotoxin level: < 0.1 EU per 1 µg of the antibody, as determined by the LAL method.