

Product datasheet for **AM01352PU-N**

CD137 (TNFRSF9) Rat Monoclonal Antibody [Clone ID: JG1.6A]

Product data:

Product Type:	Primary Antibodies
Clone Name:	JG1.6A
Applications:	ELISA, FC, FN
Recommended Dilution:	ELISA. Flow Cytometry. Functional Assays: Clone JG1.6A has been reported for use in functional studies.
Reactivity:	Human, Monkey
Host:	Rat
Isotype:	IgG2a
Clonality:	Monoclonal
Immunogen:	Recombinant Human CD137-Fc. Lymph node cells from immunised Lou rat were fused with cells of the mouse NS-1 myeloma cell line.
Specificity:	This antibody recognises CD137, an 83kD type I integral membrane protein, otherwise known as 4-1BB.
Formulation:	PBS containing 0.09% Sodium Azide State: Purified State: Liquid purified IgG fraction
Concentration:	lot specific
Purification:	Affinity Chromatography on Protein G
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.
Gene Name:	tumor necrosis factor receptor superfamily member 9
Database Link:	Entrez Gene 3604 Human Q07011



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Background:

The CD137 molecule is primarily expressed on activated T-cells. It is a costimulatory member of the tumour necrosis receptor family and is reported to regulate T-cell activation and proliferation.

Synonyms:

4-1BB ligand receptor, 4-1BB homolog, ILA, CDw137