

Catalog	Unit
TBS10314-0.5MG	0.5 mg
TBS10314-1MG	1 mg
TBS10314-5MG	5 mg

**Description**

InVivo Anti-Mouse Cluster of Differentiation 137 (CD137) Antibody is an agonistic 4-1BB antibody that enhances T-cell-mediated immunity. It promotes CD8<sup>+</sup> T-cell activation and proliferation, boosts IFN-γ-dependent cytotoxicity, and activates NK cells and Th1 responses. In vivo, it effectively inhibits tumor growth, increases CD8<sup>+</sup> T-cell infiltration, and prolongs survival in tumor-bearing mice. Its antitumor activity is CD8<sup>+</sup> T-cell-dependent and supports the development of long-lasting immune memory.

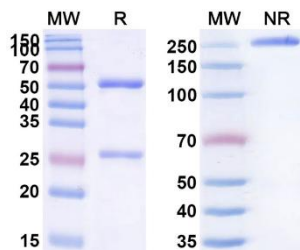
**Synonyms**

TNFRSF9 antibody, 4-1BB antibody.

**Product Details**

<b>Applications:</b>	In vivo 4-1BB stimulation, in vitro 4-1BB stimulation
<b>Species reactivity:</b>	Mouse
<b>Host:</b>	Rat
<b>Isotype:</b>	IgG2a, kappa
<b>Target:</b>	Tumor necrosis factor receptor superfamily member 9, 4-1BB ligand receptor, T-cell antigen 4-1BB, CD137, Tnfrsf9, Ila, Ly63
<b>Uniprot:</b>	P20334
<b>Concentration:</b>	3 mg/ml
<b>Purity:</b>	>95%
<b>Formulation:</b>	Liquid
<b>Storage buffer:</b>	0.01M PBS, pH 7.4
<b>Purification:</b>	Protein A/G purified from cell culture supernatant
<b>Clonality:</b>	Monoclonal
<b>Storage:</b>	Avoid repeated freeze-thaw cycles. Store at -20 to -80°C for up to twelve months from the date of receipt.

**Data Image**



**Fig. 1. SDS-PAGE analysis of Anti-Mouse CD137 Antibody**

MW: Molecular Weight (kDa) Marker  
 R: Reducing conditions  
 NR: Non-Reducing conditions

**For research use only.**