

## 10-4802: Monoclonal Antibody to Mouse CD137(Clone: 3H3)-NALE

<b>Clonality :</b>	Monoclonal
<b>Clone Name :</b>	3H3
<b>Application :</b>	Functional Assay,WB
<b>Reactivity :</b>	Mouse
<b>Gene :</b>	Tnfrsf9
<b>Gene ID :</b>	21942
<b>Uniprot ID :</b>	P20334
<b>Format :</b>	Low Endotoxin
<b>Alternative Name :</b>	Tumor necrosis factor receptor superfamily member 9, 4-1BB ligand receptor, T-cell antigen 4-1BB
<b>Isotype :</b>	Rat IgG2a $\hat{I}^{\alpha}$

### Description

4-1BB (CD137) is a costimulatory molecule expressed on the surface of activated T cells and plays a role in T-cell-mediated proliferative response. 4-1BB signal regulates CD28 co-stimulation in the targeted subset cells to favor Th1 development and maintain long-term cell growth. 4-1BB is also expressed on dendritic cells (DCs) and controls the duration, DC-T interaction, and, therefore, immunogenicity. Clone 3H3 antibody is an agonistic antibody that has been shown to stimulate 4-1BB signaling in vivo.

### Product Info

<b>Amount :</b>	100 $\mu$ g
<b>Purification :</b>	Protein A/G
<b>Content :</b>	This antibody is aseptically packaged and formulated in 0.01 M phosphate buffered saline (PBS) pH 7.2, 150 mM NaCl with no carrier protein, potassium or preservatives added.
<b>Storage condition :</b>	This antibody is stable for at least one week when stored sterile at 2-8°C. For long term storage aseptically aliquot in working volumes without diluting and store at $\hat{I}^{\alpha}$ 80°C. Avoid Repeated Freeze Thaw Cycles.

### Application Note

$\leq$  1.0 EU/mg as determined by the LAL method