

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

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|---------------------------|--|
| <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 $\hat{a}$ €"80°C. Avoid Repeated Freeze Thaw Cycles. |

### Application Note

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