

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

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

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

Amount :	100 μ g
Purification :	Protein A/G
Content :	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.
Storage condition :	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