

CD137/4-1BB (PN0529) Nb-FC recombinant antibody

Catalog No :	YA0082
Reactivity :	Human
Applications :	ELISA
Target :	CD137/4-1BB
Gene Name :	TNFRSF9 CD137 ILA
Protein Name :	Tumor necrosis factor receptor superfamily member 9 (4-1BB ligand receptor) (CDw137) (T-cell antigen 4-1BB homolog) (T-cell antigen ILA) (CD antigen CD137)
Human Gene Id :	3604
Human Swiss Prot No :	Q07011
Immunogen :	Purified recombinant Human CD137
Specificity :	This recombinant monoclonal antibody can detects endogenous levels of CD137/4-1BB protein.
Formulation :	Phosphate-buffered solution
Source :	Camel, chimeric fusion of Nanobody (VHH) and mouse IgG1 Fc domain , recombinantly produced from 293F cell
Dilution :	ELISA 1:5000-100000
Purification :	Recombinant Expression and Affinity purified
Concentration :	Please check the information on the tube
Storage Stability :	-15°C to -25°C/1 year(Avoid freeze / thaw cycles)
Cell Pathway :	Cytokine-cytokine receptor interaction;

Background : The protein encoded by This gene is a member of the TNF-receptor superfamily. This receptor contributes to the clonal expansion, survival, and development of T cells. It can also induce proliferation in peripheral monocytes, enhance T cell apoptosis induced by TCR/CD3 triggered activation, and regulate CD28 co-stimulation to promote Th1 cell responses. The expression of This receptor is induced by lymphocyte activation. TRAF adaptor proteins have been shown to bind to This receptor and transduce the signals leading to activation of NF-kappaB. [provided by RefSeq, Jul 2008]

Function : Receptor for TNFSF14/4-1BBL. Possibly active during T cell activation., similarity: Contains 4 TNFR-Cys repeats., subunit: Interacts with TRAF1, TRAF2 and TRAF3. Interacts with LRR-repeat protein 1/LRR-1., tissue specificity: Expressed on the surface of activated T-cells.,

Subcellular Location : Membrane; Single-pass type I membrane protein.

Expression : Expressed on the surface of activated T-cells.

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