

Monoclonal Anti-Human CD137 Antibody, Humanized IgG2 lambda

- Ultra-low endotoxin
- Ultra-high purity
- Ultra-high bioactivity

Catalog# / Size	AC67568/500ug
Clone	D209
Isotype	Humanized IgG2
Endotoxin	Less than 0.01 EU per μ g determined by LAL gel clotting assay.
Purity	>95% as determined by SDS-PAGE.
Antibody Type	Monoclonal
Expressed Host	Expi293 Cells
Application	T-cell activation

Product Details

Reactivity	Human
Concentration	1.0 mg/mL
Form	Liquid
Antibody Type	Monoclonal
Formulation	Supplied as 0.2 μ m filtered solution in PBS, pH7.4.
Storage instructions	Shipped at 4°C. Stored at 4°C for 12 months.
Other Names	Anti-4-1BB Antibody; Anti-ILA Antibody

Description

CD137, also known as 4-1BB, is a surface co-stimulatory glycoprotein originally described as present on activated T lymphocytes, which belongs to the TNF receptor superfamily. It is expressed mainly on activated CD4+ and CD8+ T cells, and binds with high affinity to the transmembrane 4-1BB Ligand expressed on antigen-presenting cells and myeloid progenitor cells. Upon ligand binding, 4-1BB is associated with the tumor necrosis factor receptor-associated factors (TRAFs), the adaptor protein which mediates downstream signaling events including the activation of NF-kappaB and cytokine production.

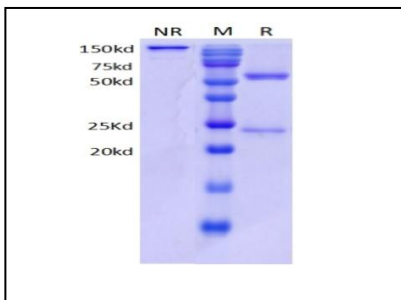
Please feel free to contact us via support@acnovia.com if you need any further information.



Application References

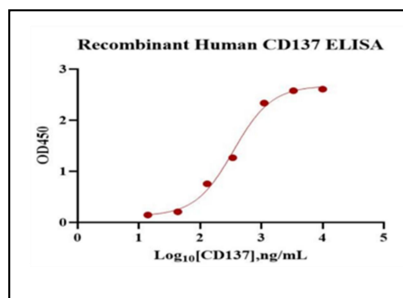
- 1、 Nam KO, et al. (2005) The therapeutic potential of 4-1BB (CD137) in cancer. *Curr Cancer Drug Targets*. 5(5): 357-63.
- 2、 Melero I, et al. (2008) Multi-layered action mechanisms of CD137 (4-1BB)-targeted immunotherapies. *Trends Pharmacol Sci*. 29(8): 383-90.

Product Data



SDS-PAGE

Monoclonal anti-human CD137 antibody on SDS-PAGE under reducing (R) and non-reducing (NR) conditions. The gel was stained with Coomassie Blue. The purity of the protein is greater than 95%.



Bioactivity-ELISA

Immobilized Recombinant Human 4-1BB(C-6His) at 0.2 μ g/well can bind Anti-Human CD137 (Catalog # AC67568) with a linear range of 287 to 422.3 ng/mL.