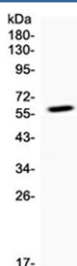


CD137 Antibody / 4-1BB (RQ4615)

Catalog No.	Formulation	Size
RQ4615	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

Bulk quote request

Availability	1-3 business days
Species Reactivity	Mouse
Format	Antigen affinity purified
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit IgG
Purity	Antigen affinity purified
Buffer	Lyophilized from 1X PBS with 2% Trehalose and 0.025% sodium azide
UniProt	P20334
Applications	Western Blot : 0.5-1ug/ml ELISA (Capture) : 1-5ug/ml (mouse recombinant protein)
Limitations	This CD137 antibody is available for research use only.



Western blot testing on 1ng of mouse recombinant protein with CD137 antibody at 0.5ug/ml. Expected molecular weight: ~30 kDa monomer and 55-60 kDa dimer. Higher molecular weights may be observed due to glycosylation.

Description

CD137 is a member of the tumor necrosis factor (TNF) receptor family. 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.

Application Notes

Optimal dilution of the CD137 antibody should be determined by the researcher.

Immunogen

Amino acids V24-L187 from the mouse protein were used as the immunogen for the CD137 antibody.

Storage

After reconstitution, the CD137 antibody can be stored for up to one month at 4°C. For long-term, aliquot and store at -20°C. Avoid repeated freezing and thawing.