BT LAB
Bioassay Technology Laboratory
Optimize Your Research

CD137 Polyclonal Antibody

Description

Product type	Primary Antibody
Code	BT-AP07269
Host	Rabbit
Isotype	IgG
Size	20ul, 50ul, 100ul
Immunogen	The antiserum was produced against synthesized peptide derived from human TNFRSF9. AA range:101-150
Mol wt	27899
Species reactivity	Human, Rat, Mouse
Clonality	Polyclonal
Recommended application	WB, IF, ICC, ELISA
Concentration	1 mg/ml
Full name	Tumor necrosis factor receptor superfamily member 9
Synonyms	Tumor necrosis factor receptor superfamily member 9; TNFRSF9; CD137; ILA; 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

This product is for research use only, not for use in human, therapeutic or diagnostic procedure.

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.

Recommended Dilution

WB: 1: 500 - 1: 2000

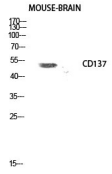
IF: 1: 200 - 1: 1000

ICC: 1: 200 - 1: 1000

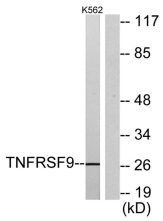
ELISA: 1: 10000

Not yet tested in other applications.

Images



Western Blot analysis of mouse-brain cells using CD137 Polyclonal Antibody diluted at 1:500



Western blot analysis of lysates from K562 cells, using TNFRSF9 Antibody. The lane on the right is blocked with the synthesized peptide.

Storage

-20°C for 1 year

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