



CD137 rabbit pAb

Cat No.:ES5901

For research use only

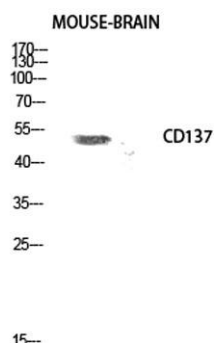
Overview

Product Name	CD137 rabbit pAb
Host species	Rabbit
Applications	WB;IF;ELISA
Species Cross-Reactivity	Human;Rat;Mouse;
Recommended dilutions	Western Blot: 1/500 - 1/2000. Immunofluorescence: 1/200 - 1/1000. ELISA: 1/10000. Not yet tested in other applications.
Immunogen	The antiserum was produced against synthesized peptide derived from human TNFRSF9. AA range:101-150
Specificity	CD137 Polyclonal Antibody detects endogenous levels of CD137 protein.
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Storage	Store at -20°C. Avoid repeated freeze-thaw cycles.
Protein Name	Tumor necrosis factor receptor superfamily member 9
Gene Name	TNFRSF9
Cellular localization	Membrane; Single-pass type I membrane protein.
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Clonality	Polyclonal
Concentration	1 mg/ml
Observed band	27kD
Human Gene ID	3604
Human Swiss-Prot Number	Q07011
Alternative Names	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
Background	The protein encoded by this gene is a member of the TNF-receptor superfamily. This receptor

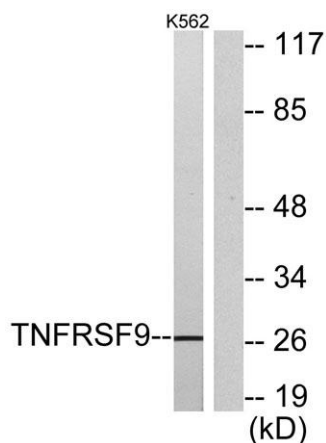




contributes to the clonal expansion, survival, and development of T cells. It can also induce proliferation in peripheral monocytes, enhance T cell apoptosis induced by TCR/CD3 triggered activation, and regulate CD28 co-stimulation to promote Th1 cell responses. The expression of this receptor is induced 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],



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.

