

## Product datasheet for **TA343047**

### CD137 (TNFRSF9) Rabbit Polyclonal Antibody

#### Product data:

Product Type:	Primary Antibodies
Applications:	WB
Recommended Dilution:	WB
Reactivity:	Human, Canine
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	The immunogen for anti-TNFRSF9 antibody: synthetic peptide directed towards the C terminal of human TNFRSF9. Synthetic peptide located within the following region: LTLRFVVKRGRKLLYIFKQPFMRPVQTTQEEDGCSCRFPEEEEGGCEL
Formulation:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose. <i>Note that this product is shipped as lyophilized powder to China customers.</i>
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	26 kDa
Gene Name:	tumor necrosis factor receptor superfamily member 9
Database Link:	<a href="#">NP_001552</a> <a href="#">Entrez Gene 3604 Human Q07011</a>
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.
Synonyms:	4-1BB; CD137; CDw137; ILA



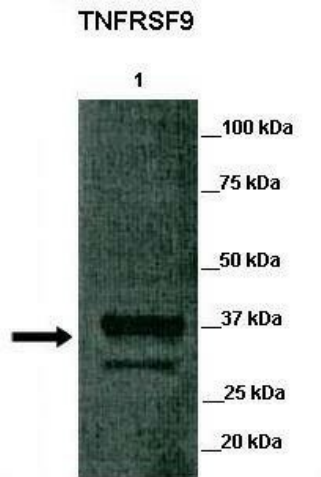
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**Note:** Immunogen Sequence Homology: Human: 100%; Dog: 86%; Bovine: 86%; Pig: 85%; Horse: 85%; Rat: 79%

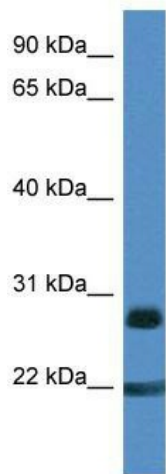
**Protein Families:** Druggable Genome, Transmembrane

**Protein Pathways:** Cytokine-cytokine receptor interaction

**Product images:**



Lanes: Lane 1: 40ug whole canine retina; Primary Antibody Dilution: 1:1000; Secondary Antibody: Goat anti-rabbit-HRP; Secondary Antibody Dilution: 1:5000; Gene Name: TNFRSF; Submitted by: Dr. Stefania Marsili and Dr. William Beltran, University of Pennsylv



WB Suggested Anti-TNFRSF9 Antibody; Titration: 1.0 ug/ml; Positive Control: Fetal Liver