

## Product datasheet for **TA330342**

### TNFRSF18 Rabbit Polyclonal Antibody

#### Product data:

Product Type:	Primary Antibodies
Applications:	WB
Recommended Dilution:	WB
Reactivity:	Human
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	The immunogen for anti-TNFRSF18 antibody: synthetic peptide directed towards the C terminal of human TNFRSF18. Synthetic peptide located within the following region: LHIWQLRKTQLLLEVPSTEDARSCQFPEEERGERSAEEKGRLGDLWW
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:	23 kDa
Gene Name:	tumor necrosis factor receptor superfamily member 18
Database Link:	<a href="#">NP_683700</a> <a href="#">Entrez Gene 8784 Human</a> <a href="#">Q9Y5U5</a>



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**Background:**

The protein encoded by TNFRSF18 is a member of the TNF-receptor superfamily. This receptor has been shown to have increased expression upon T-cell activation, and it is thought to play a key role in dominant immunological self-tolerance maintained by CD25(+)CD4(+) regulatory T cells. Knockout studies in mice also suggest the role of this receptor is in the regulation of CD3-driven T-cell activation and programmed cell death. The protein encoded by this gene is a member of the TNF-receptor superfamily. This receptor has been shown to have increased expression upon T-cell activation, and it is thought to play a key role in dominant immunological self-tolerance maintained by CD25(+)CD4(+) regulatory T cells. Knockout studies in mice also suggest the role of this receptor is in the regulation of CD3-driven T-cell activation and programmed cell death. Three alternatively spliced transcript variants of this gene encoding distinct isoforms have been reported.

**Synonyms:**

AITR; CD357; GITR; GITR-D

**Note:**

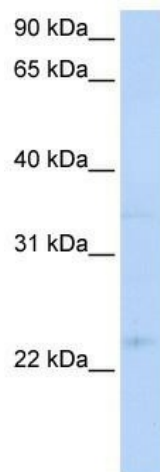
Immunogen sequence homology: Human: 100%

**Protein Families:**

Druggable Genome, Secreted Protein, Transmembrane

**Protein Pathways:**

Cytokine-cytokine receptor interaction

**Product images:**

WB Suggested Anti-TNFRSF18 Antibody; Titration: 1 ug/ml; Positive Control: Hela Whole Cell