



# TNR18 Monoclonal Antibody

<b>Catalog No</b>	BYmab-07712
<b>Isotype</b>	IgG
<b>Reactivity</b>	Human;Rat;Mouse;
<b>Applications</b>	WB
<b>Gene Name</b>	TNFRSF18 AITR GITR UNQ319/PRO364
<b>Protein Name</b>	Tumor necrosis factor receptor superfamily member 18 (Activation-inducible TNFR family receptor) (Glucocorticoid-induced TNFR-related protein) (CD antigen CD357)
<b>Immunogen</b>	Synthesized peptide derived from part region of human protein
<b>Specificity</b>	TNR18 Monoclonal Antibody detects endogenous levels of protein.
<b>Formulation</b>	Liquid in PBS containing 50% glycerol, and 0.02% sodium azide.
<b>Source</b>	Monoclonal, Mouse,IgG
<b>Purification</b>	The antibody was affinity-purified from mouse antiserum by affinity-chromatography using epitope-specific immunogen.
<b>Dilution</b>	WB 1:500-2000
<b>Concentration</b>	1 mg/ml
<b>Purity</b>	≥90%
<b>Storage Stability</b>	-20°C/1 year
<b>Synonyms</b>	
<b>Observed Band</b>	26kD
<b>Cell Pathway</b>	[Isoform 1]: Cell membrane; Single-pass type I membrane protein.; [Isoform 2]: Secreted.
<b>Tissue Specificity</b>	Expressed in lymph node, peripheral blood leukocytes and weakly in spleen.
<b>Function</b>	function:Receptor for TNFSF18. Seems to be involved in interactions between activated T-lymphocytes and endothelial cells and in the regulation of T-cell receptor-mediated cell death. Mediated NF-kappa-B activation via the TRAF2/NIK pathway.,induction:Up-regulated in peripheral mononuclear cells after antigen stimulation/lymphocyte activation.,similarity:Contains 3 TNFR-Cys repeats.,subunit:Binds to TRAF1, TRAF2, and TRAF3, but not TRAF5 and TRAF6. Binds through its C-terminus to SIVA1/SIVA.,tissue specificity:Expressed in lymph node, peripheral blood leukocytes and weakly in spleen.,
<b>Background</b>	This gene encodes a member of the TNF-receptor superfamily. The encoded receptor has been shown to have increased expression upon T-cell activation,

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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. [provided by RefSeq, Feb 2011],

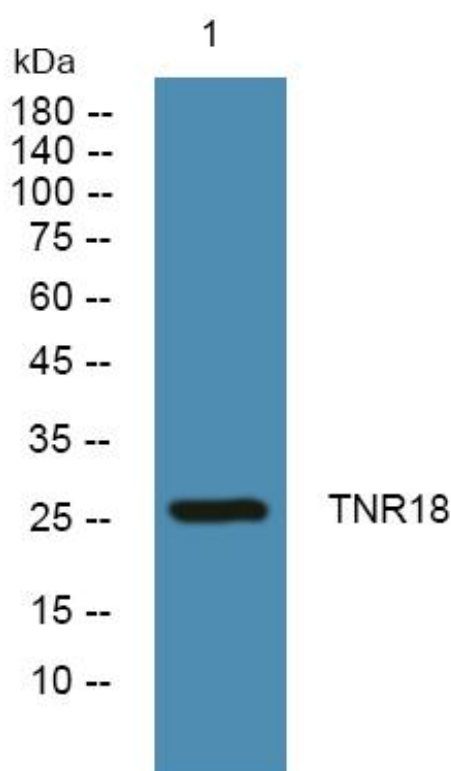
**matters needing attention**

Avoid repeated freezing and thawing!

**Usage suggestions**

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

## Products Images



Western Blot analysis of various cells using TNR18 Monoclonal Antibody