

Basic Information

Product Name	Anti-GITR/TNFRSF18 Antibody (Clone#OTI4H5)
Gene Name	TNFRSF18
Source	Mouse
Clonality	Monoclonal
Isotype	IgG1
Species Reactivity	human
Tested Application	FCM, WB
Contents	PBS (PH 7.3) containing 1% BSA, 50% glycerol and 0.02% sodium azide.
Immunogen	Human recombinant protein fragment corresponding to amino acids 26-162 of human TNFRSF18(NP_004186) produced in E.coli.
Concentration	500 ug/ml
Purification	Purified from mouse ascites fluids or tissue culture supernatant by affinity chromatography (protein A/G)
Observed MW	23.5 kDa
Dilution Ratios	Western blot (WB): 1:2000 Flow Cytometry (FCM):1:100

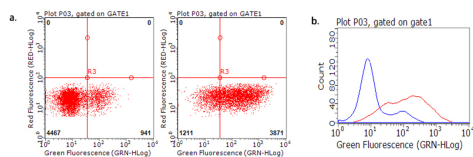
Storage

Stable for 12 months from date of receipt. Store at -20°C as received.

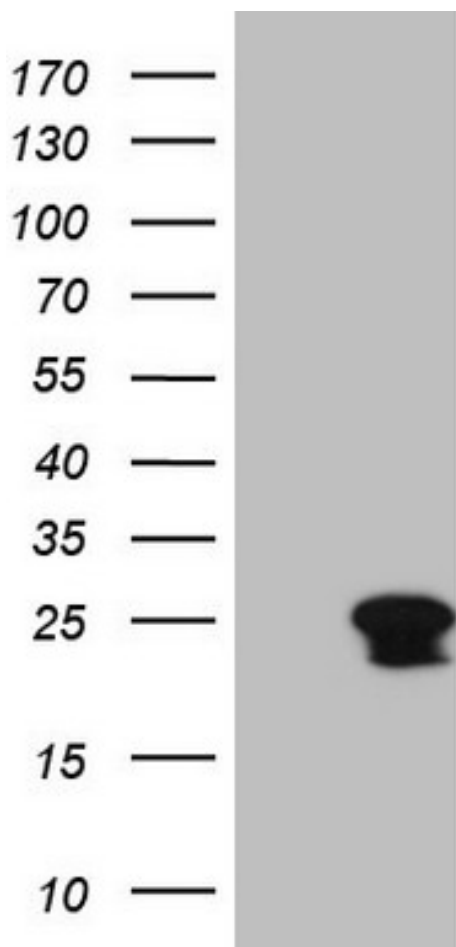
Background Information

This gene encodes a member of the TNF-receptor superfamily. The encoded 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. [provided by RefSeq, Feb

Selected Validation Data



Flow cytometric analysis of TNFRSF18 expression on stimulated human peripheral blood mononuclear cells (PBMC). Unstimulated PBMC, (a.left, b.blue), or 10ug/ml Phytohemagglutinin-stimulated (3 days) PBMC, (a.right, b.red), were stained with Anti-Human TNFRSF18 antibody (1:100).



HEK293T cells were transfected with the pCMV6-ENTRY control (Left lane) or pCMV6-ENTRY TNFRSF18 (Right lane) cDNA for 48 hrs and lysed. Equivalent amounts of cell lysates (5 ug per lane) were separated by SDS-PAGE and immunoblotted with anti-TNFRSF18.