

Product datasheet for **UM870166**

TNFRSF4 Mouse Monoclonal Antibody [Clone ID: UMAB276]

Product data:

| | |
|-------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Product Type: | Primary Antibodies |
| Clone Name: | UMAB276 |
| Applications: | 10k-ChIP, FC, IHC, WB |
| Recommended Dilution: | IHC 1:100~300 |
| Reactivity: | Human |
| Host: | Mouse |
| Isotype: | IgG1 |
| Clonality: | Monoclonal |
| Immunogen: | Full length human recombinant protein of human TNFRSF4 (NP_003318) produced in HEK293T cell. |
| Formulation: | PBS (pH 7.3) containing 1% BSA, 50% glycerol and 0.02% sodium azide. |
| Concentration: | 0.5~1.0 mg/ml (Lot Dependent) |
| Purification: | Purified from mouse ascites fluids or tissue culture supernatant by affinity chromatography (protein A/G) |
| Conjugation: | Unconjugated |
| Storage: | Store at -20°C as received. |
| Stability: | Stable for 12 months from date of receipt. |
| Predicted Protein Size: | 29.34 kDa |
| Gene Name: | TNF receptor superfamily member 4 |
| Database Link: | NP_003318 Entrez Gene 7293 Human P43489 |
| Background: | The protein encoded by this gene is a member of the TNF-receptor superfamily. This receptor has been shown to activate NF-kappaB through its interaction with adaptor proteins TRAF2 and TRAF5. Knockout studies in mice suggested that this receptor promotes the expression of apoptosis inhibitors BCL2 and BCL2L1/BCL2-XL, and thus suppresses apoptosis. The knockout studies also suggested the roles of this receptor in CD4+ T cell response, as well as in T cell-dependent B cell proliferation and differentiation. [provided by RefSeq, Jul 2008] |



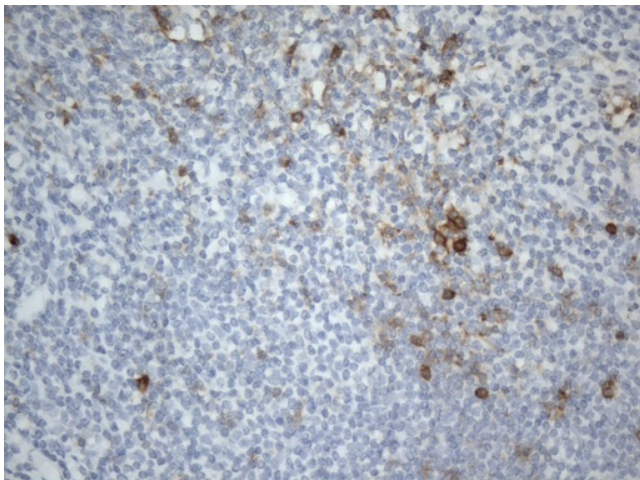
[View online »](#)

Synonyms: ACT35; CD134; IMD16; OX40; TXGP1L

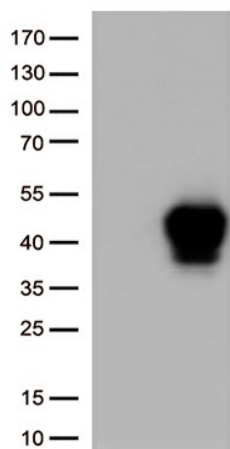
Protein Families: Transmembrane

Protein Pathways: Cytokine-cytokine receptor interaction

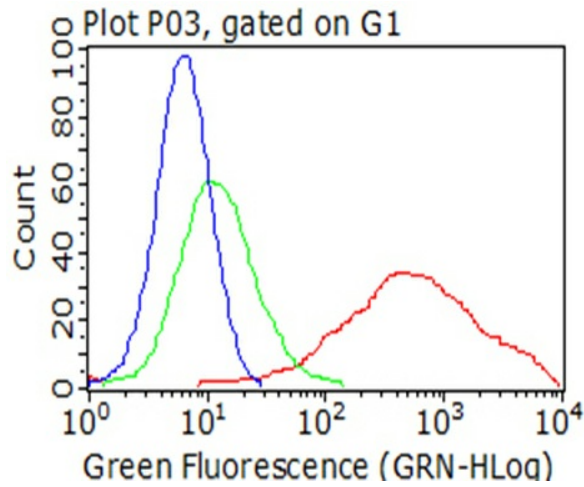
Product images:



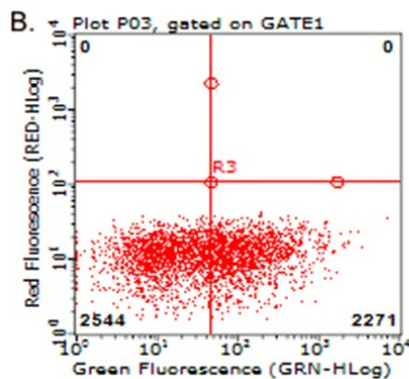
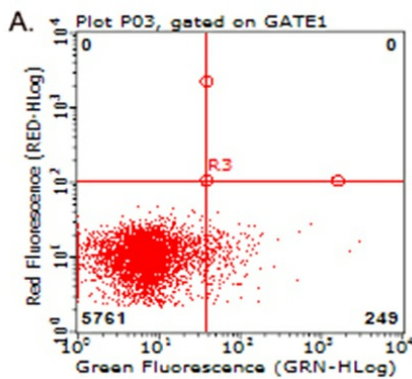
Immunohistochemical staining of paraffin-embedded Human tonsil within the normal limits using anti-OX40 (TNFRSF4) mouse monoclonal antibody. (Heat-induced epitope retrieval by 1mM EDTA in 10mM Tris buffer (pH8.0) at 120°C for 2.5 min, [UM800166]) (1:300)



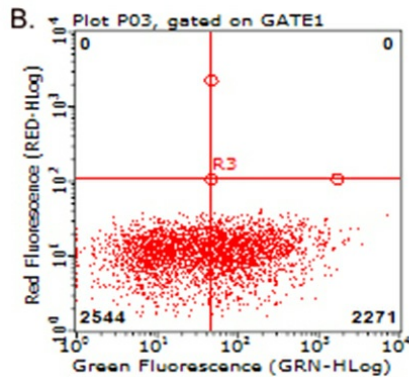
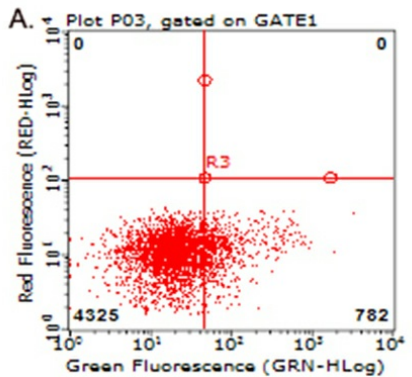
HEK293T cells were transfected with the pCMV6-ENTRY control (Cat# [PS100001], Left lane) or pCMV6-ENTRY TNFRSF4 (Cat# [RC211253], Right lane) cDNA for 48 hrs and lysed. Equivalent amounts of cell lysates (5 ug per lane) were separated by SDS-PAGE and immunoblotted with anti-TNFRSF4 antibody (Cat# [UM800166]) (1:1000).



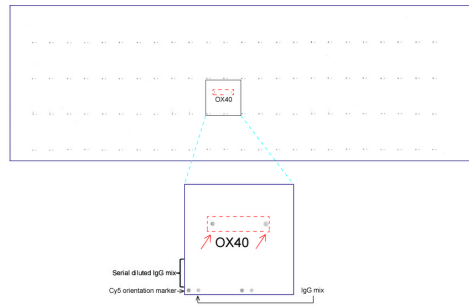
Flow cytometric analysis of living 293T cells transfected with TNFRSF4 overexpression plasmid ([RC211253]), Red)/empty vector ([PS100001], Blue) using anti-TNFRSF4 antibody ([UM800166]). Cells incubated with a non-specific antibody (Green) were used as isotype control. (1;100)



Flow cytometric analysis of living PBMCs treated with 10ug/ml PHA for 72h (Right)/untreated (Left) using anti-TNFRSF4 antibody ([UM800166]) (1:100).



Flow cytometric analysis of living PBMCs treated with 10ug/ml PHA for 72h (Right) using anti-TNFRSF4 antibody ([UM800166]). Cells incubated with a non-specific antibody (Left) were used as isotype control (1:100).



OriGene overexpression protein microarray chip was immunostained with UltraMAB anti-OX40 (TNFRSF4) mouse monoclonal antibody ([UM800166]). The positive reactive proteins are highlighted with two red arrows in the enlarged subarray. All the positive controls spotted in this subarray are also labeled for clarification (1:100).