

Product datasheet for **CF801741**

CD30 (TNFRSF8) Mouse Monoclonal Antibody [Clone ID: OTI4B3]

Product data:

| | |
|-------------------------|--|
| Product Type: | Primary Antibodies |
| Clone Name: | OTI4B3 |
| Applications: | FC, WB |
| Recommended Dilution: | WB 1:2000, FLOW 1:100 |
| Reactivity: | Human |
| Host: | Mouse |
| Isotype: | IgG1 |
| Clonality: | Monoclonal |
| Immunogen: | Human recombinant protein fragment corresponding to amino acids 19-379 of human TNFRSF8 (NP_001234) produced in E.coli. |
| Formulation: | Lyophilized powder (original buffer 1X PBS, pH 7.3, 8% trehalose) |
| Reconstitution Method: | For reconstitution, we recommend adding 100uL distilled water to a final antibody concentration of about 1 mg/mL. To use this carrier-free antibody for conjugation experiment, we strongly recommend performing another round of desalting process. (OriGene recommends Zeba Spin Desalting Columns, 7KMWCO from Thermo Scientific) |
| 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: | 61.9 kDa |
| Gene Name: | TNF receptor superfamily member 8 |
| Database Link: | NP_001234 Entrez Gene 943 Human P28908 |



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Background:

The protein encoded by this gene is a member of the TNF-receptor superfamily. This receptor is expressed by activated, but not by resting, T and B cells. TRAF2 and TRAF5 can interact with this receptor, and mediate the signal transduction that leads to the activation of NF-kappaB. This receptor is a positive regulator of apoptosis, and also has been shown to limit the proliferative potential of autoreactive CD8 effector T cells and protect the body against autoimmunity. Two alternatively spliced transcript variants of this gene encoding distinct isoforms have been reported. [provided by RefSeq, Jul 2008]

Synonyms:

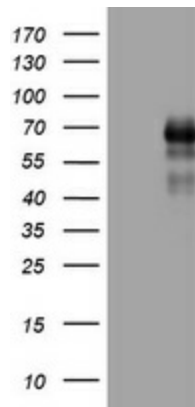
CD30; D1S166E; Ki-1

Protein Families:

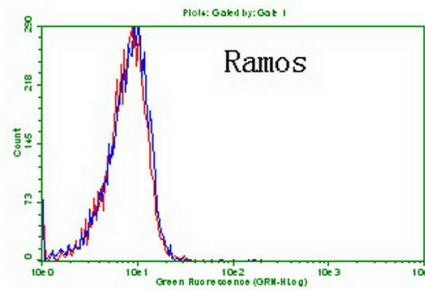
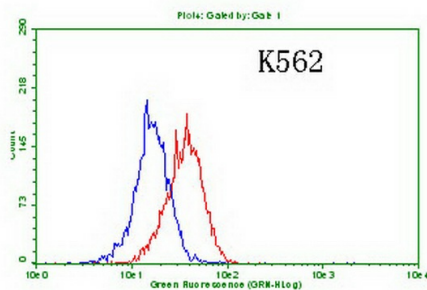
Druggable Genome, ES Cell Differentiation/IPS, Stem cell - Pluripotency, Transmembrane

Protein Pathways:

Cytokine-cytokine receptor interaction

Product images:


HEK293T cells were transfected with the pCMV6-ENTRY control (Left lane) or pCMV6-ENTRY TNFRSF8 ([RC219819], 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-TNFRSF8. Positive lysates [LY420050] (100ug) and [LC420050] (20ug) can be purchased separately from OriGene.



Flow cytometric Analysis of K562 and Ramos cells, using anti-TNFRSF8 antibody ([TA801741]), (Red), compared to a nonspecific negative control antibody (TA50011), (Blue) (1:100).