

Product datasheet for UM800146CF

OriGene Technologies, Inc.

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CD30 (TNFRSF8) Mouse Monoclonal Antibody [Clone ID: UMAB256]

Product data:

Product Type: Primary Antibodies

Clone Name: UMAB256

Applications: 10k-ChIP, IHC, WB

Recommended Dilution: WB 1:500~2000, IHC 1:100~300

Reactivity: Human
Host: Mouse
Isotype: IgG1

Clonality: Monoclonal

Immunogen: Human recombinant protein fragment corresponding to amino acids 408-595 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: 63.75 kDa

Gene Name: TNF receptor superfamily member 8

Database Link: NP 001234

Entrez Gene 943 Human

P28908

Synonyms: CD30; D1S166E; Ki-1

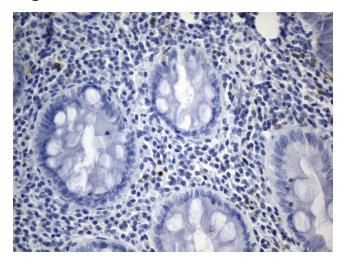
Protein Families: Druggable Genome, ES Cell Differentiation/IPS, Stem cell - Pluripotency, Transmembrane



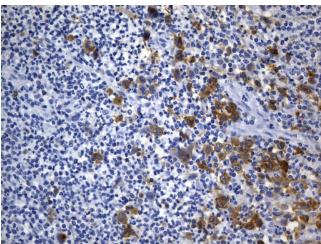


Protein Pathways: Cytokine-cytokine receptor interaction

Product images:

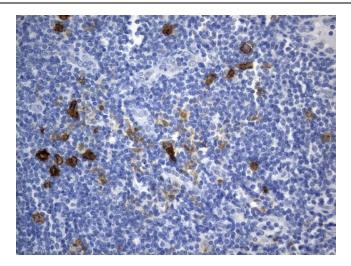


Immunohistochemical staining of paraffinembedded Human colon tissue within the normal limits using anti-TNFRSF8 (CD30) mouse monoclonal antibody. (Heat-induced epitope retrieval by 1mM EDTA in 10mM Tris buffer (pH8.0) at 120°C for 2.5 min, [UM800146]) (1:300)

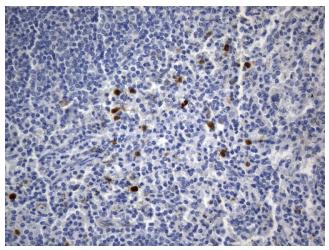


Immunohistochemical staining of paraffinembedded Human lymphoma tissue using anti-TNFRSF8 (CD30) mouse monoclonal antibody. (Heat-induced epitope retrieval by 1mM EDTA in 10mM Tris buffer (pH8.0) at 120°C for 2.5 min, [UM800146]) (1:300)

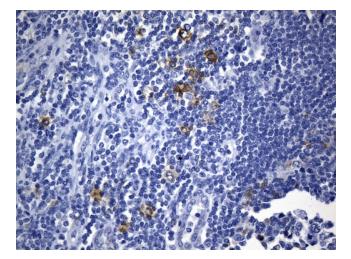




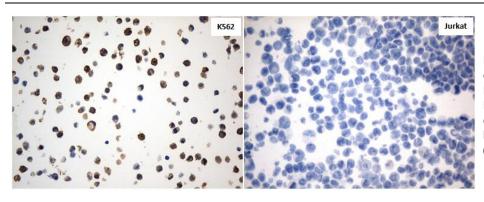
Immunohistochemical staining of paraffinembedded Human tonsil within the normal limits using anti-TNFRSF8 (CD30) mouse monoclonal antibody. (Heat-induced epitope retrieval by 1mM EDTA in 10mM Tris buffer (pH8.0) at 120°C for 2.5 min, [UM800146]) (1:300)



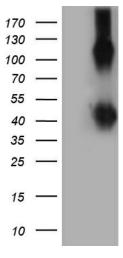
Immunohistochemical staining of paraffinembedded Human spleen tissue within the normal limits using anti-TNFRSF8 (CD30) mouse monoclonal antibody. (Heat-induced epitope retrieval by 1mM EDTA in 10mM Tris buffer (pH8.0) at 120°C for 2.5 min, [UM800146]) (1:300)



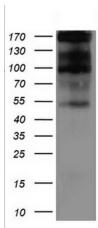
Immunohistochemical staining of paraffinembedded Human appendix tissue within the normal limits using anti-TNFRSF8 (CD30) mouse monoclonal antibody. (Heat-induced epitope retrieval by 1mM EDTA in 10mM Tris buffer (pH8.0) at 120°C for 2.5 min, [UM800146]) (1:300)



Immunohistochemical staining of paraffinembedded Carcinoma of cell pellets (The left is K562 and the right is Jurkat) using anti-TNFRSF8 Mouse monoclonal antibody. (Heat-induced epitope retrieval by 1mM EDTA in 10mM Tris buffer (pH9.0) at 120°C for 2.5 min, [UM800146]) (1:300).

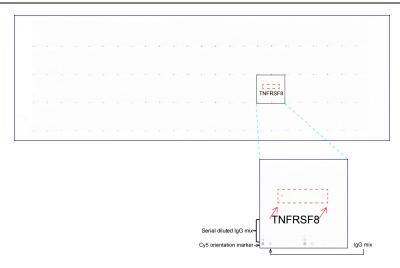


HEK293T cells were transfected with the pCMV6-ENTRY control (Left lane) or pCMV6-ENTRY TNFRSF8 (CD30) ([RC219819], Right lane) cDNA for 48 hrs and lysed. Equivalent amounts of cell lysates (5 ug per lane) were separated by SDS-PAGE and immunoblotted with anti-TNFRSF8 (CD30) (1:2000).



Western blot analysis of extracts (10ug) from K562 cell line by using anti-IDO1 monoclonal antibody (1:500).





OriGene overexpression protein microarray chip was immunostained with UltraMAB anti-TNFRSF8 (CD30) mouse monoclonal antibody ([UM800146]). 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).