

## Product datasheet for **UM870146**

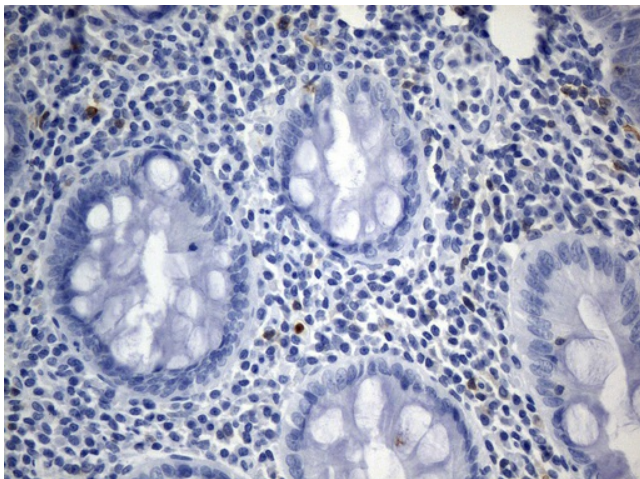
### CD30 (TNFRSF8) Mouse Monoclonal Antibody [Clone ID: UMAB256]

#### Product data:

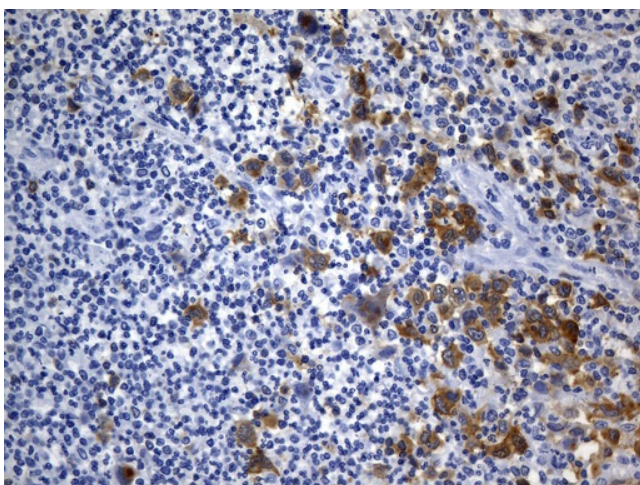
Product Type:	Primary Antibodies
Clone Name:	UMAB256
Applications:	10k-ChIP, IHC, WB
Recommended Dilution:	WB 1:500~2000, IHC 1:100~300
Reactivity:	Human
Host:	Mouse
Isotype:	IgG1
Clonality:	Monoclonal
Immunogen:	Human recombinant protein fragment corresponding to amino acids 408-595 of human TNFRSF8(NP_001234) produced in E.coli.
Formulation:	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:	63.75 kDa
Gene Name:	TNF receptor superfamily member 8
Database Link:	<a href="#">NP_001234</a> <a href="#">Entrez Gene 943 Human</a> <a href="#">P28908</a>
Synonyms:	CD30; D1S166E; Ki-1
Protein Families:	Druggable Genome, ES Cell Differentiation/IPS, Stem cell - Pluripotency, Transmembrane
Protein Pathways:	Cytokine-cytokine receptor interaction



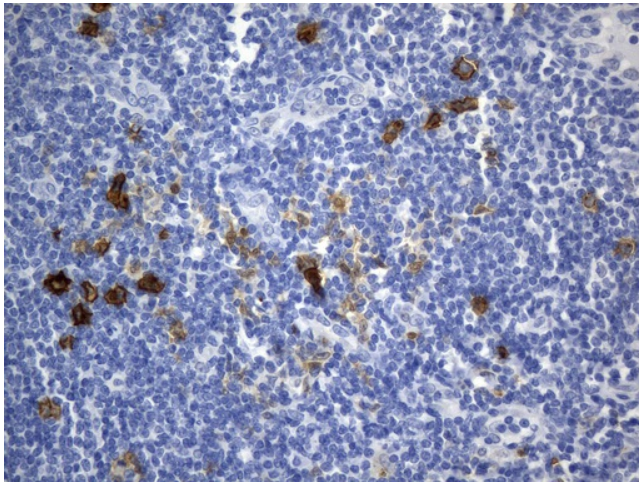
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**Product images:**

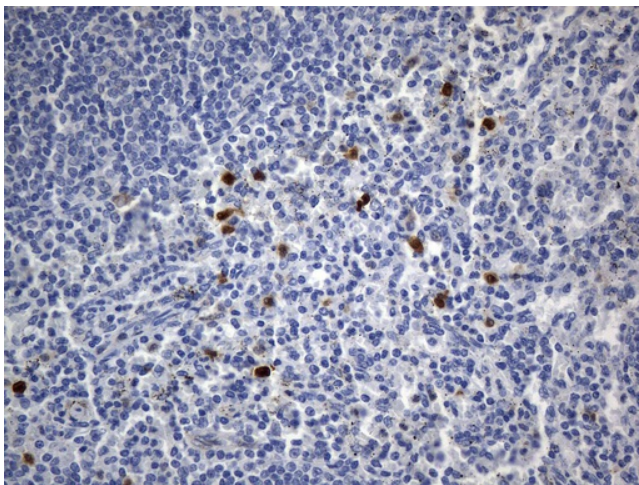
Immunohistochemical staining of paraffin-embedded Human colon tissue within the normal limits using anti-TNFRSF8 (CD30) mouse monoclonal antibody. (Heat-induced epitope retrieval by 1mM EDTA in 10mM Tris buffer (pH8.0) at 120°C for 2.5 min, [UM800146]) (1:300)



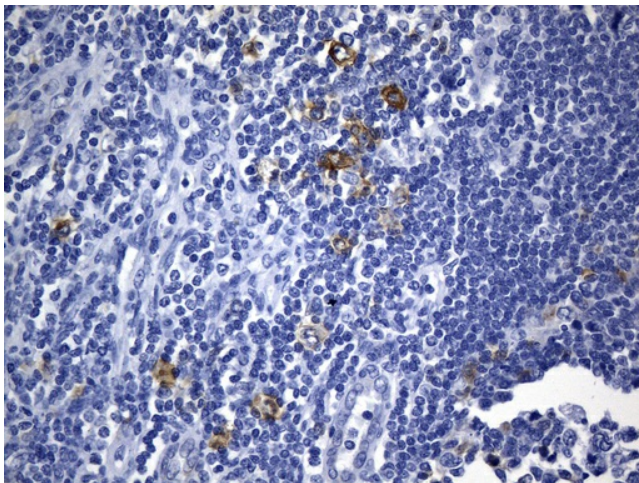
Immunohistochemical staining of paraffin-embedded Human lymphoma tissue using anti-TNFRSF8 (CD30) mouse monoclonal antibody. (Heat-induced epitope retrieval by 1mM EDTA in 10mM Tris buffer (pH8.0) at 120°C for 2.5 min, [UM800146]) (1:300)



Immunohistochemical staining of paraffin-embedded 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)

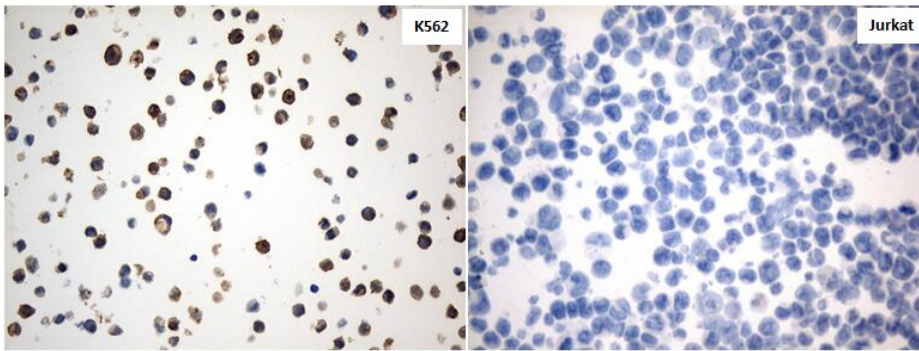


Immunohistochemical staining of paraffin-embedded Human spleen tissue within the normal limits using anti-TNFRSF8 (CD30) mouse monoclonal antibody. (Heat-induced epitope retrieval by 1mM EDTA in 10mM Tris buffer (pH8.0) at 120°C for 2.5 min, [UM800146]) (1:300)

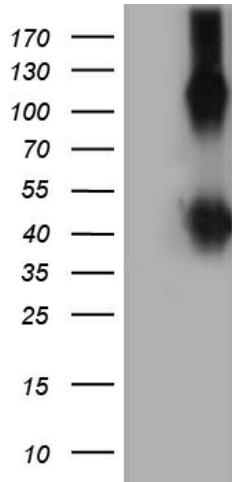


Immunohistochemical staining of paraffin-embedded Human appendix tissue within the normal limits using anti-TNFRSF8 (CD30) mouse monoclonal antibody. (Heat-induced epitope retrieval by 1mM EDTA in 10mM Tris buffer (pH8.0) at 120°C for 2.5 min, [UM800146]) (1:300)

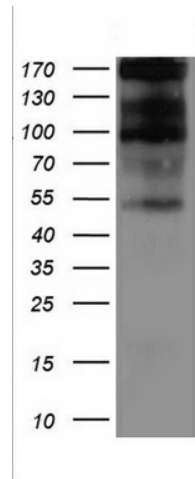




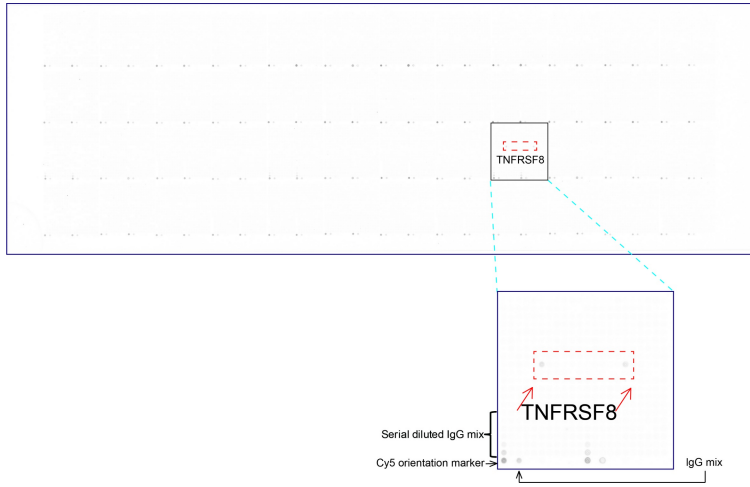
Immunohistochemical staining of paraffin-embedded Carcinoma of cell pellets (The left is K562 and the right is Jurkat) using anti-TNFRSF8 Mouse monoclonal antibody. (Heat-induced epitope retrieval by 1mM EDTA in 10mM Tris buffer (pH9.0) at 120°C for 2.5 min, [UM800146]) (1:300).



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).