

Product datasheet for **UM800095**

TNFRSF18 Mouse Monoclonal Antibody [Clone ID: UMAB203]

Product data:

Product Type:	Primary Antibodies
Clone Name:	UMAB203
Applications:	10k-ChIP, IF, IHC
Recommended Dilution:	IHC 1:100~200
Reactivity:	Human
Host:	Mouse
Isotype:	IgG2b
Clonality:	Monoclonal
Immunogen:	Human recombinant protein fragment corresponding to amino acids 26-162 of human TNFRSF18(NP_004186) 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:	23.5 kDa
Gene Name:	TNF receptor superfamily member 18
Database Link:	NP_004186 Entrez Gene 8784 Human Q9Y5U5
Background:	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



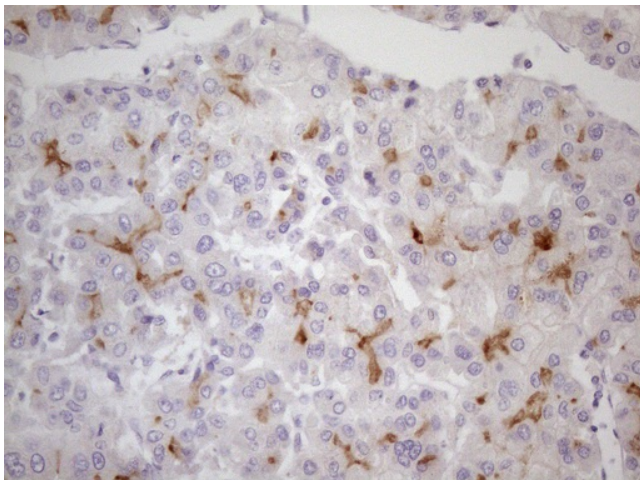
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Synonyms: AITR; CD357; GTR; GTR-D

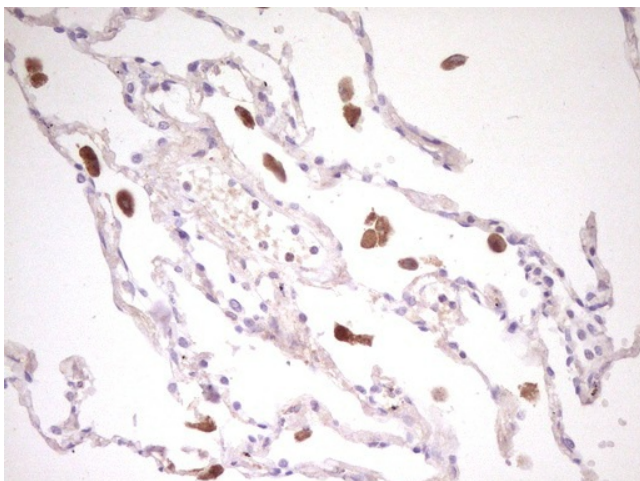
Protein Families: Druggable Genome, Secreted Protein, Transmembrane

Protein Pathways: Cytokine-cytokine receptor interaction

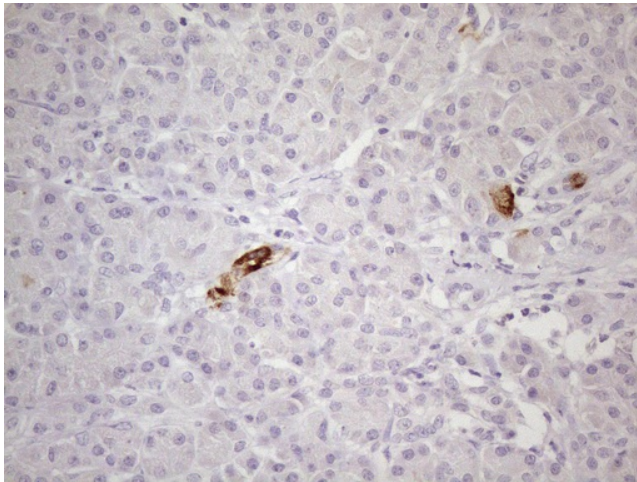
Product images:



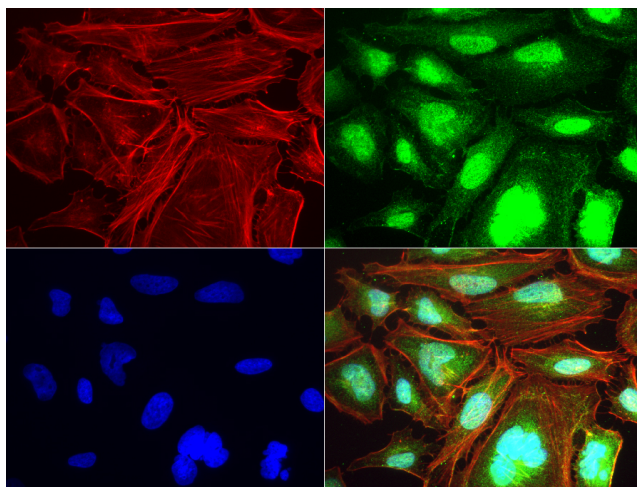
Immunohistochemical staining of paraffin-embedded Carcinoma of Human liver tissue using anti-TNFRSF18 mouse monoclonal antibody. (Heat-induced epitope retrieval by 1mM EDTA in 10mM Tris buffer (pH8.0) at 120°C for 3min, UM800095) (1:200)



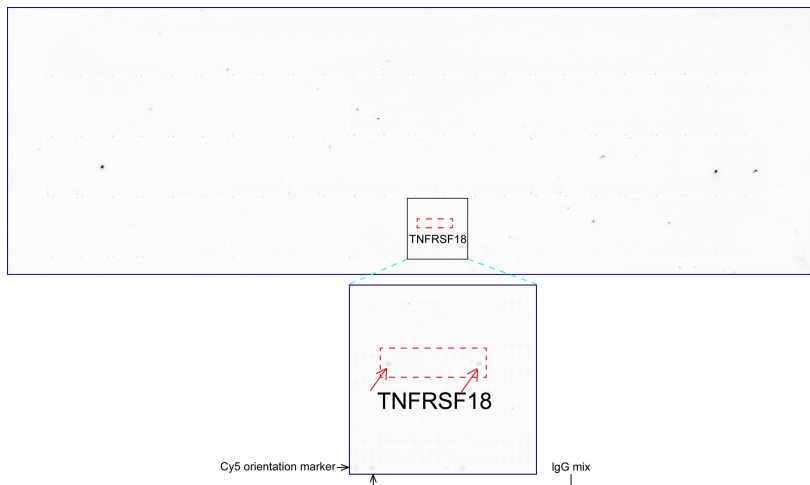
Immunohistochemical staining of paraffin-embedded Human lung tissue using anti-TNFRSF18 mouse monoclonal antibody. (Heat-induced epitope retrieval by 1mM EDTA in 10mM Tris buffer (pH8.0) at 120°C for 3min, UM800095) (1:200)



Immunohistochemical staining of paraffin-embedded Human pancreas tissue using anti-TNFRSF18 mouse monoclonal antibody. (Heat-induced epitope retrieval by 1mM EDTA in 10mM Tris buffer (pH8.0) at 120°C for 3min, UM800095) (1:200)



Immunofluorescent staining of HeLa cells using anti-TNFRSF18 mouse monoclonal antibody (UM800095, green, 1:50). Actin filaments were labeled with Alexa Fluor® 594 Phalloidin (red), and nuclear with DAPI (blue).



OriGene overexpression protein microarray chip was immunostained with UltraMAB anti-TNFRSF18 mouse monoclonal antibody (UM800095). 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).