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Product datasheet for UM870095

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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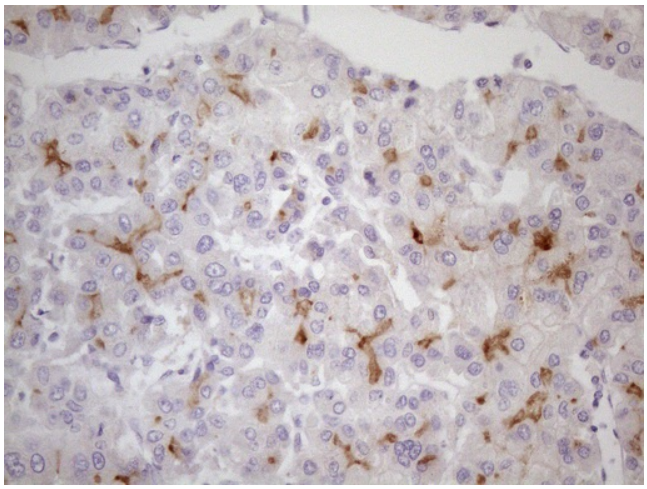
Synonyms: AITR; CD357; GITR; GITR-D

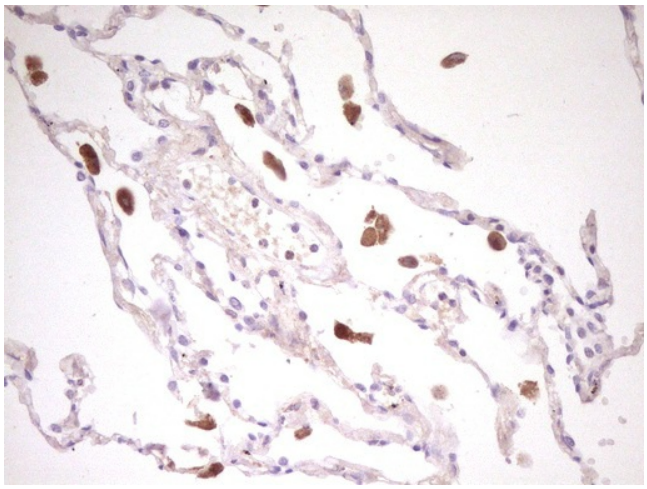
Protein Families: Druggable Genome, Secreted Protein, Transmembrane

Protein Pathways: Cytokine-cytokine receptor interaction

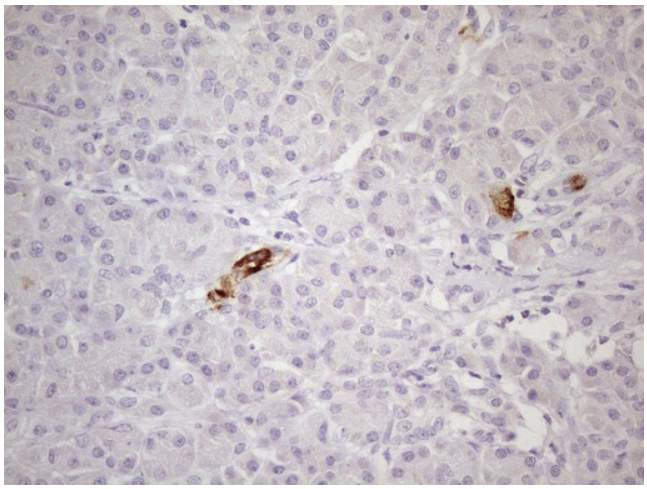
Product images:



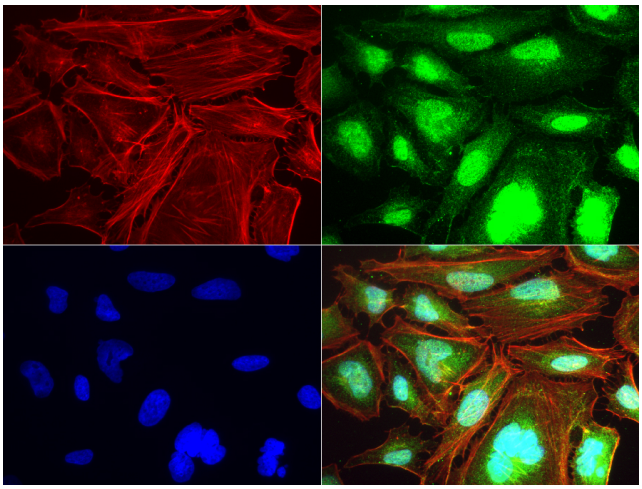
Immunohistochemical staining of paraffin-embedded Carcinoma of Human liver tissue using anti-TNFRSF18 mouse monoclonal antibody. (Heat-induced epitope retrieval by 1mM EDTA in 10mM Tris buffer (pH8.0) at 120°C for 3min, [UM800095]) (1:200)



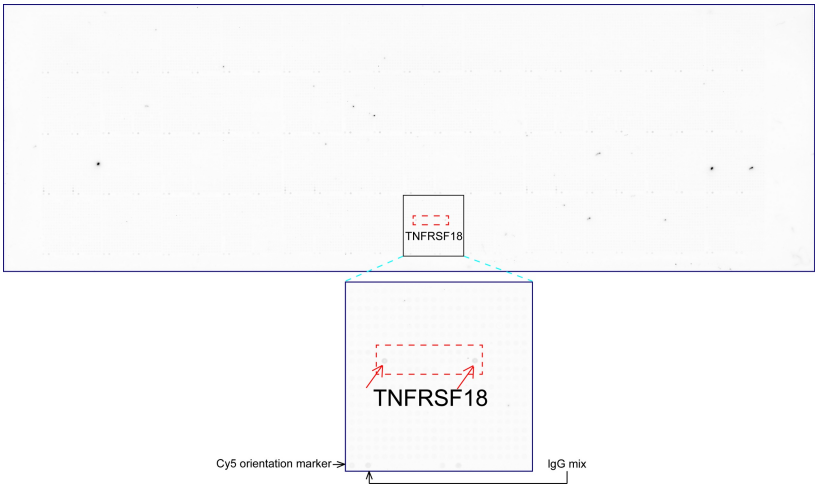
Immunohistochemical staining of paraffin-embedded Human lung tissue using anti-TNFRSF18 mouse monoclonal antibody. (Heat-induced epitope retrieval by 1mM EDTA in 10mM Tris buffer (pH8.0) at 120°C for 3min, [UM800095]) (1:200)



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).