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Product datasheet for TA501011AM

SIL1 Mouse Monoclonal Antibody (Biotin conjugated) [Clone ID: OTI1F9]

Product data:

Product Type:	Primary Antibodies
Clone Name:	OTI1F9
Applications:	IF, IHC, WB
Recommended Dilution:	WB 1:2000, IHC 1:50, IF 1:100
Reactivity:	Human, Mouse, Rat
Host:	Mouse
Isotype:	IgG1
Clonality:	Monoclonal
Immunogen:	Full length human recombinant protein of human SIL1 (NP_071909) produced in HEK293T cell.
Formulation:	PBS (pH 7.3) containing 1% BSA, 50% glycerol and 0.02% sodium azide.
Concentration:	0.5 mg/ml
Purification:	Purified from mouse ascites fluids or tissue culture supernatant by affinity chromatography (protein A/G)
Conjugation:	Biotin
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	52.1 kDa
Gene Name:	SIL1 nucleotide exchange factor
Database Link:	NP_071909 Entrez Gene 291673 RatEntrez Gene 64374 Human Q9H173
Background:	This gene encodes a resident endoplasmic reticulum (ER), N-linked glycoprotein with an N-terminal ER targeting sequence, 2 putative N-glycosylation sites, and a C-terminal ER retention signal. This protein functions as a nucleotide exchange factor for another unfolded protein response protein. Mutations in this gene have been associated with Marinesco-Sjogren syndrome. Alternate transcriptional splice variants have been characterized.

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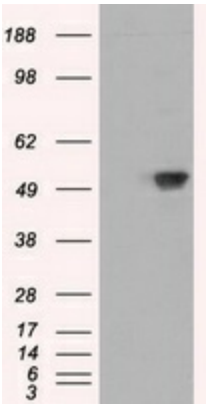
Synonyms: BAP; MSS; ULG5

Protein Families: Protease, Secreted Protein, Transmembrane

Product images:



HEK293T cells were transfected with the pCMV6-ENTRY control (Cat# [PS100001], Left lane) or pCMV6-ENTRY SIL1 (Cat# [RC211850], 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-SIL1(Cat# [TA501011]). Positive lysates [LY402924] (100ug) and [LC402924] (20ug) can be purchased separately from OriGene.

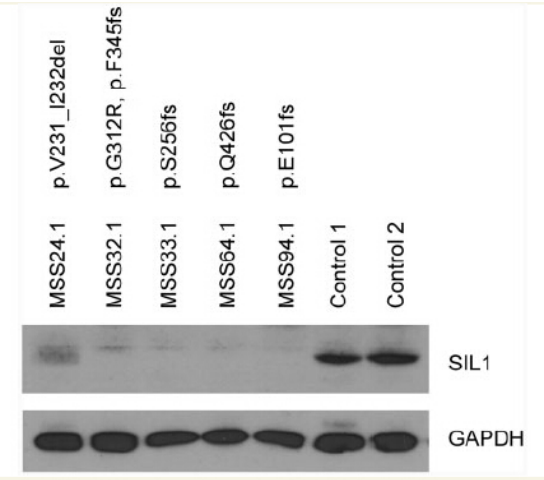
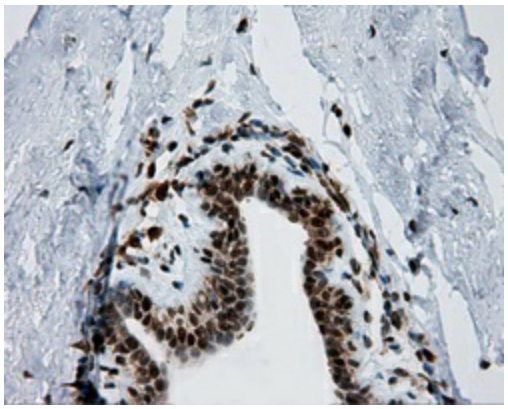


Figure from citation: Western Blot of SIL1 protein level by using anti-SIL1 antibody in immortalized lymphoblasts of patients with Marinesco-Sjo¨ gren syndrome. Dilution: 1:1000 View Citation



Immunohistochemical staining of paraffin-embedded breast tissue within the normal limits using anti-SIL1 mouse monoclonal antibody. (Heat-induced epitope retrieval by 10mM citric buffer, pH6.0, 100°C for 10min, [TA501011], Dilution 1:50)

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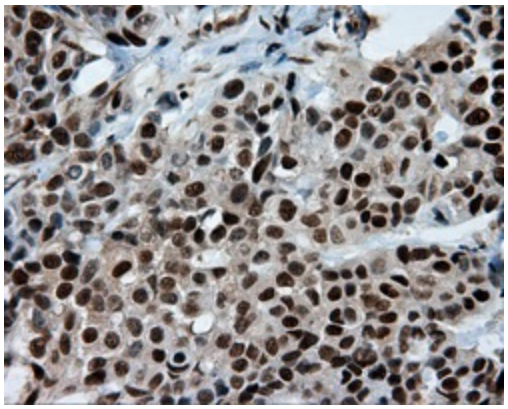
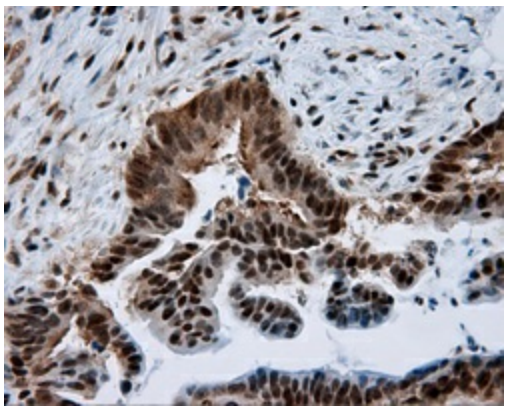
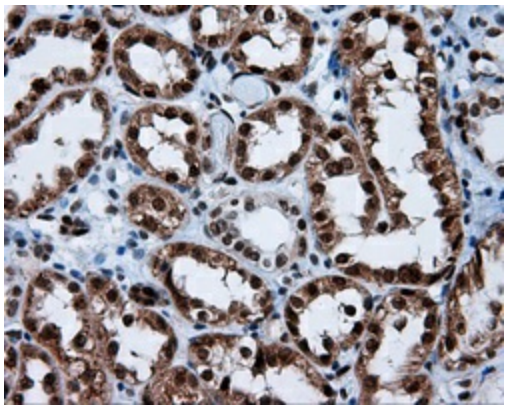


Immunohistochemical staining of paraffin-embedded Adenocarcinoma of breast tissue using anti-SIL1 mouse monoclonal antibody. (Heat-induced epitope retrieval by 10mM citric buffer, pH6.0, 100°C for 10min, [TA501011], Dilution 1:50)



Immunohistochemical staining of paraffin-embedded Adenocarcinoma of colon tissue using anti-SIL1 mouse monoclonal antibody. (Heat-induced epitope retrieval by 10mM citric buffer, pH6.0, 100°C for 10min, [TA501011], Dilution 1:50)



Immunohistochemical staining of paraffin-embedded Kidney tissue within the normal limits using anti-SIL1 mouse monoclonal antibody. (Heat-induced epitope retrieval by 10mM citric buffer, pH6.0, 100°C for 10min, [TA501011], Dilution 1:50)

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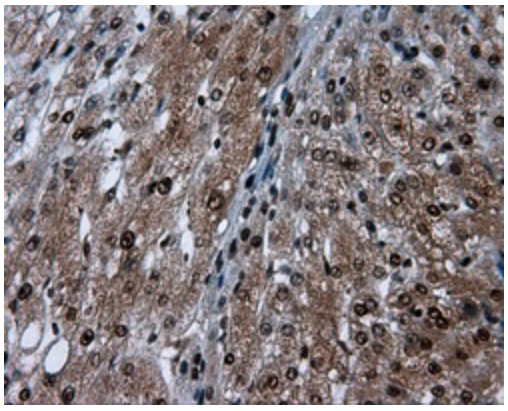
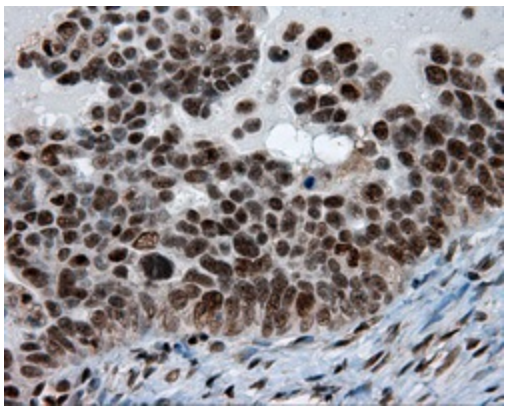
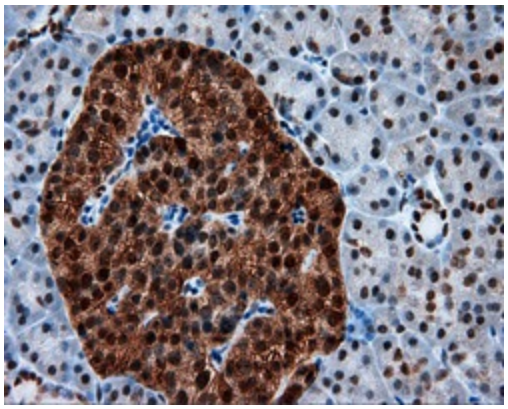


Immunohistochemical staining of paraffin-embedded liver tissue within the normal limits using anti-SIL1 mouse monoclonal antibody. (Heat-induced epitope retrieval by 10mM citric buffer, pH6.0, 100°C for 10min, [TA501011], Dilution 1:50)



Immunohistochemical staining of paraffin-embedded Adenocarcinoma of ovary tissue using anti-SIL1 mouse monoclonal antibody. (Heat-induced epitope retrieval by 10mM citric buffer, pH6.0, 100°C for 10min, [TA501011], Dilution 1:50)



Immunohistochemical staining of paraffin-embedded pancreas tissue within the normal limits using anti-SIL1 mouse monoclonal antibody. (Heat-induced epitope retrieval by 10mM citric buffer, pH6.0, 100°C for 10min, [TA501011], Dilution 1:50)

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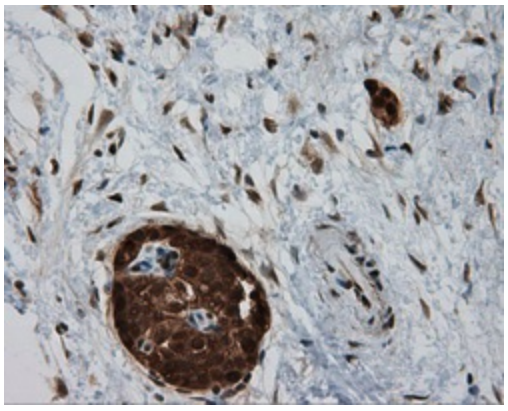
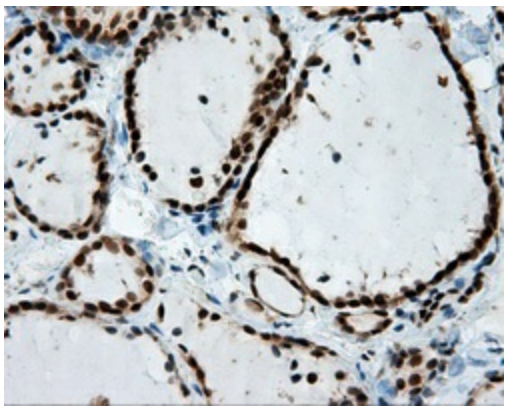
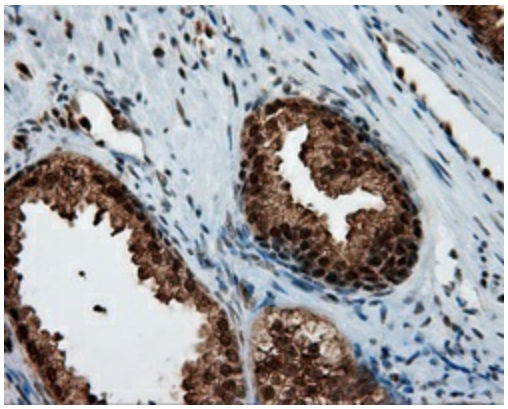


Immunohistochemical staining of paraffin-embedded Carcinoma of pancreas tissue using anti-SIL1 mouse monoclonal antibody. (Heat-induced epitope retrieval by 10mM citric buffer, pH6.0, 100°C for 10min, [TA501011], Dilution 1:50)



Immunohistochemical staining of paraffin-embedded thyroid tissue within the normal limits using anti-SIL1 mouse monoclonal antibody. (Heat-induced epitope retrieval by 10mM citric buffer, pH6.0, 100°C for 10min, [TA501011], Dilution 1:50)



Immunohistochemical staining of paraffin-embedded prostate tissue within the normal limits using anti-SIL1 mouse monoclonal antibody. (Heat-induced epitope retrieval by 10mM citric buffer, pH6.0, 100°C for 10min, [TA501011], Dilution 1:50)

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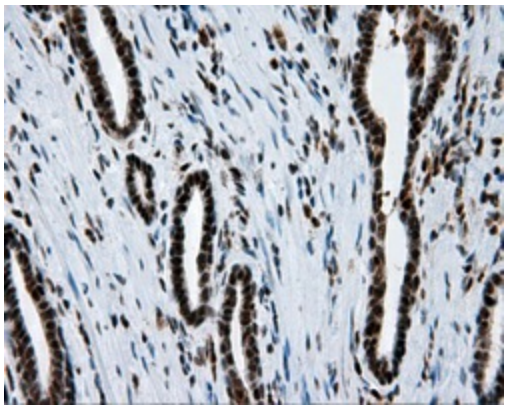
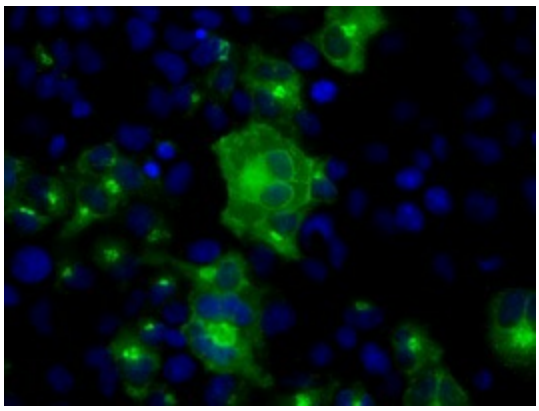
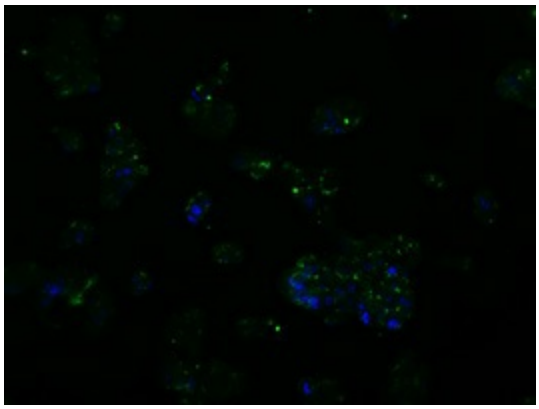


Immunohistochemical staining of paraffin-embedded Carcinoma of prostate tissue using anti-SIL1 mouse monoclonal antibody. (Heat-induced epitope retrieval by 10mM citric buffer, pH6.0, 100°C for 10min, [TA501011], Dilution 1:50)



Anti-SIL1 mouse monoclonal antibody ([TA501011]) immunofluorescent staining of COS7 cells transiently transfected by pCMV6-ENTRY SIL1 ([RC211850]).



Immunofluorescent staining of HepG2 cells using anti-SIL1 mouse monoclonal antibody ([TA501011]).

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