

Product datasheet for TA500996

SIL1 Mouse Monoclonal Antibody [Clone ID: OT11G7]

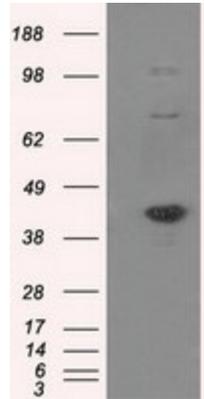
Product data:

Product Type:	Primary Antibodies
Clone Name:	OT11G7
Applications:	FC, IF, IHC, WB
Recommend Dilution:	WB 1:2000, IHC 1:50, IF 1:100, Flow 1:100
Reactivity:	Human
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:	0.59 mg/ml
Purification:	Purified from mouse ascites fluids or tissue culture supernatant by affinity chromatography (protein A/G)
Predicted Protein Size:	52.1 kDa
Gene Name:	SIL1 nucleotide exchange factor
Database Link:	NP_071909 Entrez Gene 64374 Human
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.
Synonyms:	BAP; MSS; ULG5
Protein Families:	Protease, Secreted Protein, Transmembrane

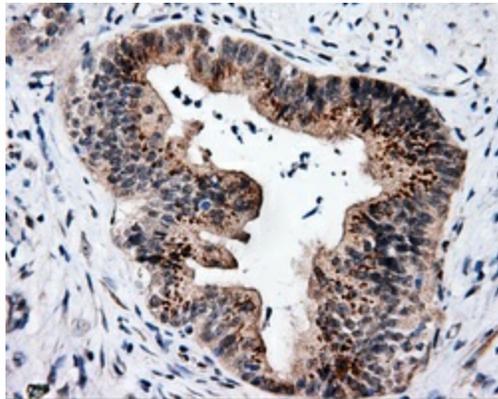


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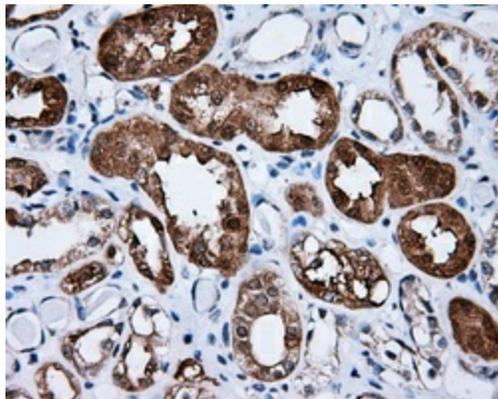
Product images:



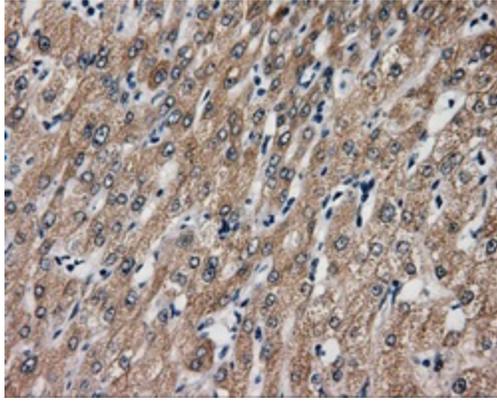
HEK293T cells were transfected with the pCMV6-ENTRY control (Left lane) or pCMV6-ENTRY SIL1 ([RC211850], Right lane) cDNA for 48 hrs and lysed. Equivalent amounts of cell lysates (5 ug per lane) were separated by SDS-PAGE and immunoblotted with anti-SIL1. Positive lysates [LY402924] (100ug) and [LC402924] (20ug) can be purchased separately from OriGene.



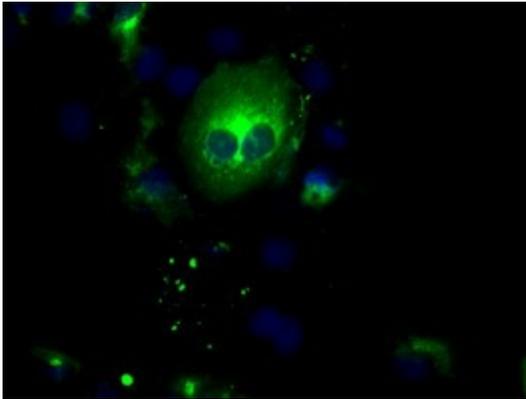
Immunohistochemical staining of paraffin-embedded Adenocarcinoma of colon tissue using anti-SIL1 mouse monoclonal antibody. (Heat-induced epitope retrieval by 10mM citric buffer, pH6.0, 100°C for 10min, TA500996, Dilution 1:50)



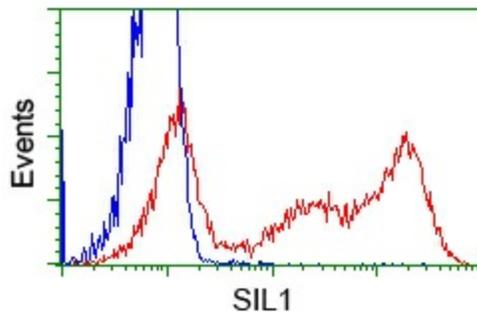
Immunohistochemical staining of paraffin-embedded Kidney tissue within the normal limits using anti-SIL1 mouse monoclonal antibody. (Heat-induced epitope retrieval by 10mM citric buffer, pH6.0, 100°C for 10min, TA500996, Dilution 1:50)



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, TA500996, Dilution 1:50)



Anti-SIL1 mouse monoclonal antibody (TA500996) immunofluorescent staining of COS7 cells transiently transfected by pCMV6-ENTRY SIL1 ([RC211850]).



HEK293T cells transfected with either pCMV6-ENTRY SIL1 ([RC211850]) (Red) or empty vector control plasmid (Blue) were immunostained with anti-SIL1 mouse monoclonal (TA500996), and then analyzed by flow cytometry.