

## Product datasheet for **TA502730M**

### **SSX1 Mouse Monoclonal Antibody [Clone ID: OTI2F8]**

#### **Product data:**

Product Type:	Primary Antibodies
Clone Name:	OTI2F8
Applications:	FC, IF, IHC, WB
Recommended Dilution:	WB 1:2000, IHC 1:150, IF 1:100, FLOW 1:100
Reactivity:	Human
Host:	Mouse
Isotype:	IgG1
Clonality:	Monoclonal
Immunogen:	Full length human recombinant protein of human SSX1 (NP_005626) produced in E.coli.
Formulation:	PBS (pH 7.3) containing 1% BSA, 50% glycerol and 0.02% sodium azide.
Concentration:	1 mg/ml
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:	21.8 kDa
Gene Name:	SSX family member 1
Database Link:	<a href="#">NP_005626</a> <a href="#">Entrez Gene 6756 Human</a> <a href="#">Q16384</a>

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**Background:**

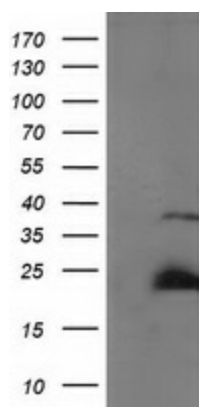
The product of this gene belongs to the family of highly homologous synovial sarcoma X (SSX) breakpoint proteins. These proteins may function as transcriptional repressors. They are also capable of eliciting spontaneously humoral and cellular immune responses in cancer patients, and are potentially useful targets in cancer vaccine-based immunotherapy. SSX1, SSX2 and SSX4 genes have been involved in the t(X;18) translocation characteristically found in all synovial sarcomas. This translocation results in the fusion of the synovial sarcoma translocation gene on chromosome 18 to one of the SSX genes on chromosome X. The encoded hybrid proteins are probably responsible for transforming activity. [provided by RefSeq, Jul 2008]

**Synonyms:**

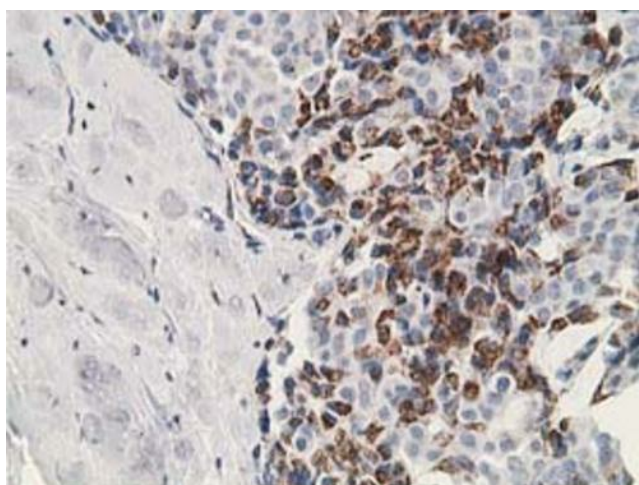
CT5.1; SSRC

**Protein Families:**

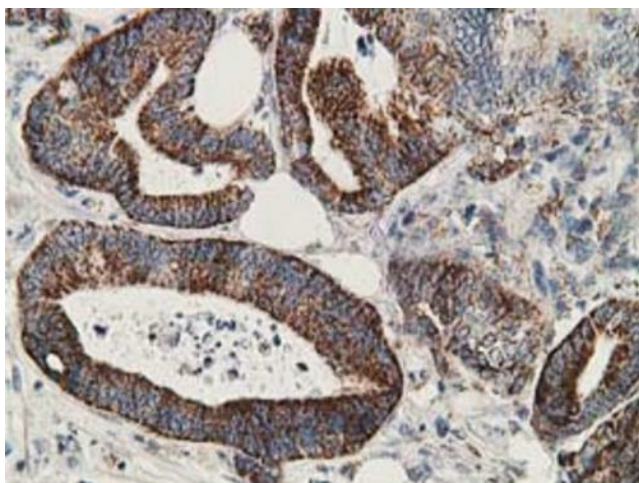
Transcription Factors

**Product images:**


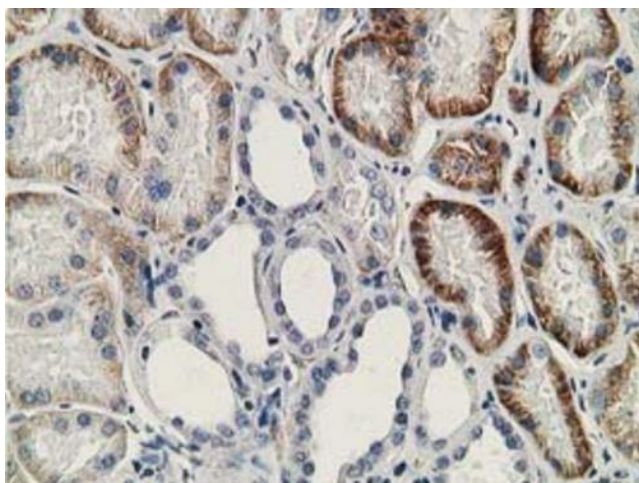
HEK293T cells were transfected with the pCMV6-ENTRY control (Cat# [PS100001], Left lane) or pCMV6-ENTRY SSX1 (Cat# [RC201600], Right lane) cDNA for 48 hrs and lysed. Equivalent amounts of cell lysates (5 ug per lane) were separated by SDS-PAGE and immunoblotted with anti-SSX1 (Cat# [TA502730]). Positive lysates [LY417166] (100ug) and [LC417166] (20ug) can be purchased separately from OriGene.



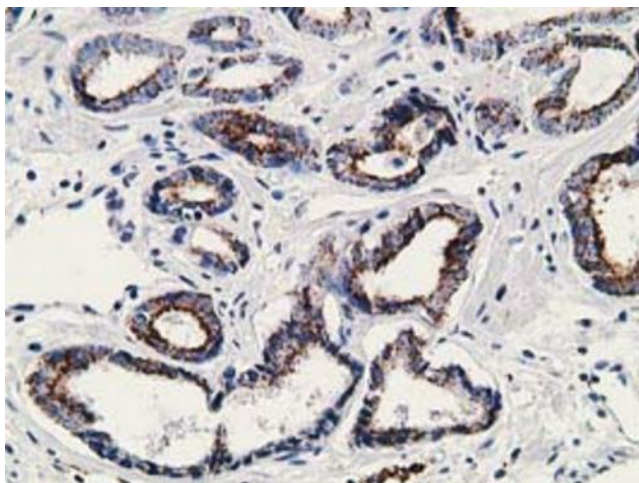
Immunohistochemical staining of paraffin-embedded Adenocarcinoma of Human breast tissue using anti-SSX1 mouse monoclonal antibody. Heat-induced epitope retrieval by EDTA solution buffer pH 8.0 at 120°C for 3 min.



Immunohistochemical staining of paraffin-embedded Adenocarcinoma of Human colon tissue using anti-SSX1 mouse monoclonal antibody. Heat-induced epitope retrieval by EDTA solution buffer pH 8.0 at 120°C for 3 min.

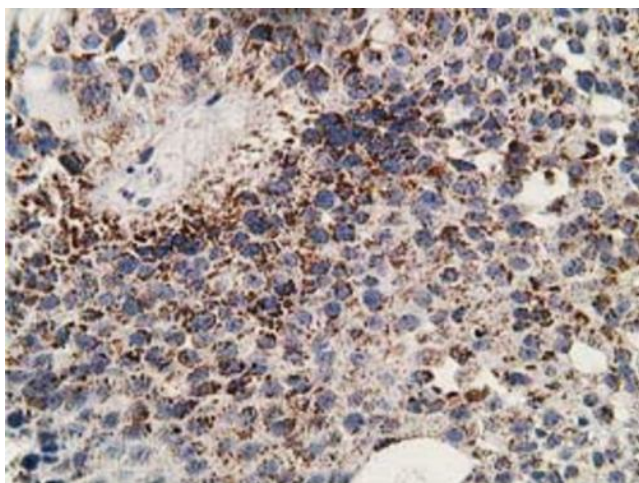


Immunohistochemical staining of paraffin-embedded Human Kidney tissue within the normal limits using anti-SSX1 mouse monoclonal antibody. Heat-induced epitope retrieval by EDTA solution buffer pH 8.0 at 120°C for 3 min.

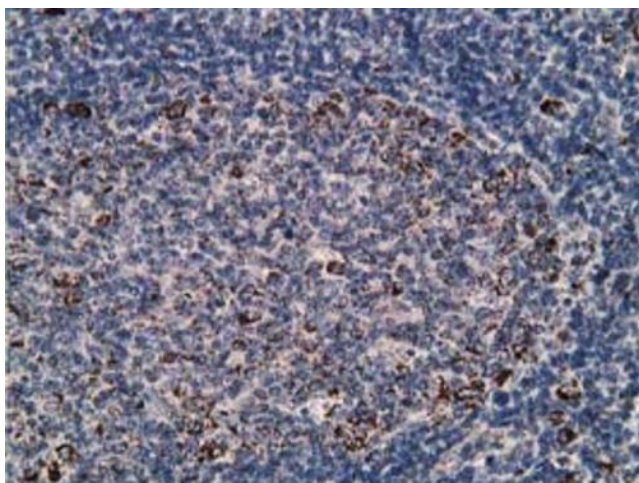


Immunohistochemical staining of paraffin-embedded Carcinoma of Human prostate tissue using anti-SSX1 mouse monoclonal antibody. Heat-induced epitope retrieval by EDTA solution buffer pH 8.0 at 120°C for 3 min.

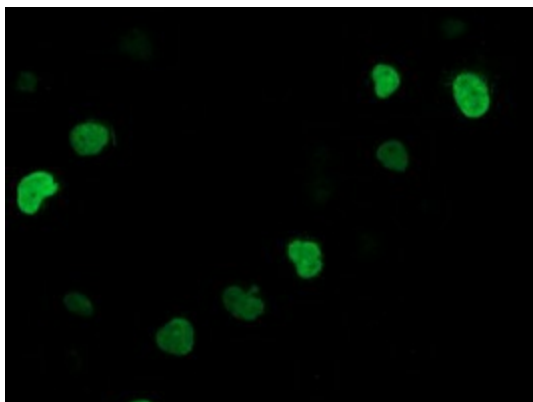




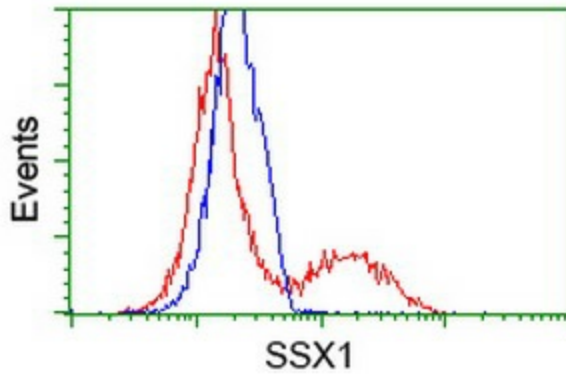
Immunohistochemical staining of paraffin-embedded Carcinoma of Human bladder tissue using anti-SSX1 mouse monoclonal antibody. Heat-induced epitope retrieval by EDTA solution buffer pH 8.0 at 120°C for 3 min.



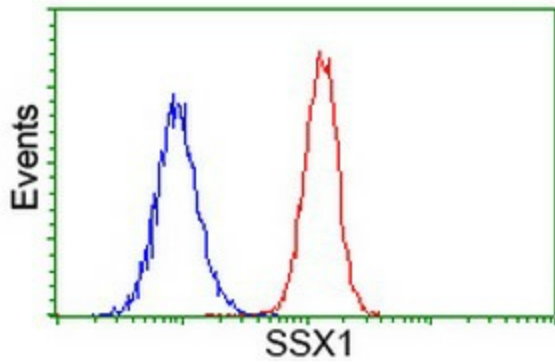
Immunohistochemical staining of paraffin-embedded Human lymph node tissue within the normal limits using anti-SSX1 mouse monoclonal antibody. Heat-induced epitope retrieval by EDTA solution buffer pH 8.0 at 120°C for 3 min.



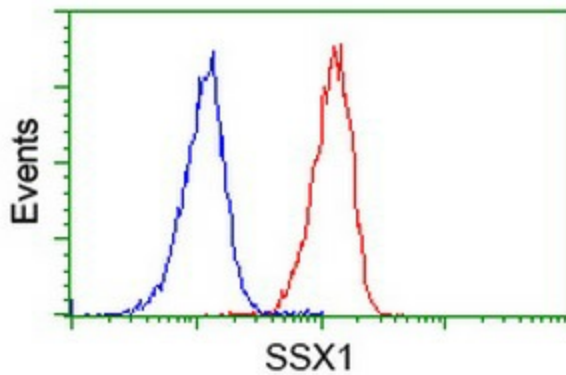
Anti-SSX1 mouse monoclonal antibody (TA502730) immunofluorescent staining of COS7 cells transiently transfected by pCMV6-ENTRY SSX1 (RC201600).



HEK293T cells transfected with either [RC201600] overexpress plasmid (Red) or empty vector control plasmid (Blue) were immunostained by anti-SSX1 antibody ([TA502730]), and then analyzed by flow cytometry.



Flow cytometric Analysis of Hela cells, using anti-SSX1 antibody ([TA502730]), (Red), compared to a nonspecific negative control antibody, (Blue).



Flow cytometric Analysis of Jurkat cells, using anti-SSX1 antibody ([TA502730]), (Red), compared to a nonspecific negative control antibody, (Blue).