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Diagnostik & molekulare Diagnostik



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Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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SSX2 monoclonal antibody (M01), clone 1A4

Catalog # : H00006757-M01

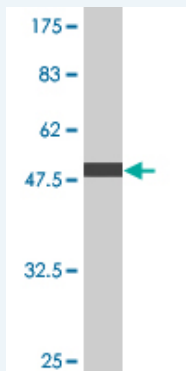
規格 : [100 ug]

List All

Specification

Product Description:	Mouse monoclonal antibody raised against a full-length recombinant SSX2.
Immunogen:	SSX2 (AAH02818, 1 a.a. ~ 223 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence:	MNGDDAFARRPTVGAQIPEKIQKAFDDIAKYFSKEEWEKMKASEKIFYVY MKRKYEAMTKLGFKATLPPFMCNKRAEDFQGNLDNDPNRGNQVERP QMTFGRLQGISP KIMPKPAEEGNDSEEVPEASGPQNDGKELCPPGKPT TSEKIHESGNREAQEKEERRGTAHRWSSQNTNHIGRFLSTSMGAVHG TPKTITHNRDPKGGNMPGPTDCVRENSW
Host:	Mouse
Reactivity:	Human
Isotype:	IgG2a Kappa

Quality Control Testing: Antibody Reactive Against Recombinant Protein.



Storage Buffer: In 1x PBS, pH 7.4

Storage Instruction: Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

MSDS: [Download](#)

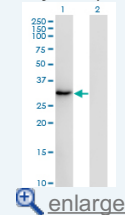
Datasheet: [Download](#)

Publication Reference

- [SSX2-4 expression in early-stage non-small cell lung cancer.](#)
Greve KB, Pohl M, Olsen KE, Nielsen O, Ditzel HJ, Gjerstorff MFTissue Antigens. 2014 May;83(5):344-9. doi: 10.1111/tan.12340. Epub 2014 Mar 20.
- [Expression and Immunotherapeutic Targeting of the SSX Family of Cancer-Testis Antigens in Prostate Cancer.](#)
Smith HA, Cronk RJ, Lang JM, McNeel DG.Cancer Res. 2011 Sep 7. [Epub ahead of print]

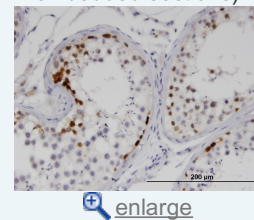
Application Image

Western Blot (Transfected lysate)

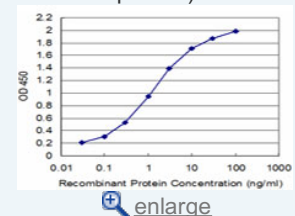


Western Blot (Recombinant protein)

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)



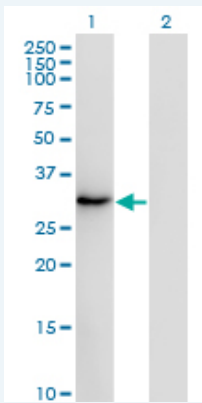
Sandwich ELISA (Recombinant protein)



ELISA

Applications

Western Blot (Transfected lysate)



Western Blot analysis of SSX2 expression in transfected 293T cell line by SSX2 monoclonal antibody (M01), clone 1A4.

Lane 1: SSX2 transfected lysate(25.2 KDa).

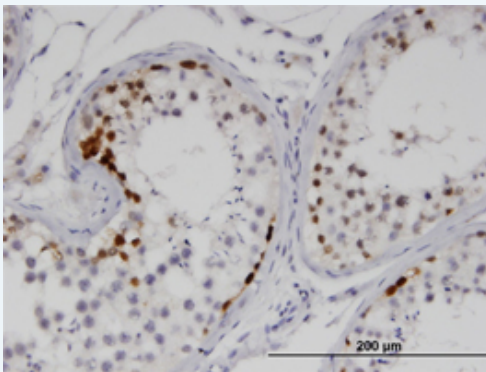
Lane 2: Non-transfected lysate.


 [Protocol Download](#)

Western Blot (Recombinant protein)

 [Protocol Download](#)

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

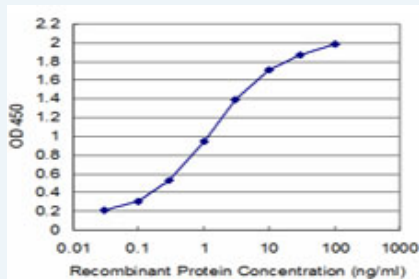


 [enlarge this image](#)

Immunoperoxidase of monoclonal antibody to SSX2 on formalin-fixed paraffin-embedded human testis. [antibody concentration 1.5 ug/ml]

 [Protocol Download](#)

Sandwich ELISA (Recombinant protein)



Detection limit for recombinant GST tagged SSX2 is approximately 0.03ng/ml as a capture antibody.

 [Protocol Download](#)

ELISA

Gene Information

Entrez GeneID: [6757](#)

GeneBank [BC002818](#)

Accession#:

Protein [AAH02818](#)

Accession#:

Gene Name: SSX2

Gene Alias: HD21,HOM-MEL-40,MGC119055,MGC15364,MGC3884,SSX

Gene Description: synovial sarcoma, X breakpoint 2

Omim ID: [300192](#)

Gene Ontology: [Hyperlink](#)

Gene Summary: 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. Two transcript variants encoding distinct isoforms have been identified for this gene. [provided by RefSeq]

Other Designations: OTTHUMP00000024290,OTTHUMP00000024291,sarcoma, synovial, X-chromosome-related 2,synovial sarcoma, X breakpoint 2, isoform b,synovial sarcoma, X breakpoint 2B

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