

Mouse SSX2 Monoclonal Antibody | anti-SSX2 antibody

SSX2 antibody

CATALOG # AAA106689	HOST Mouse	APPLICATIONS Western Blot, Immunohistochemistry, Immunofluorescence
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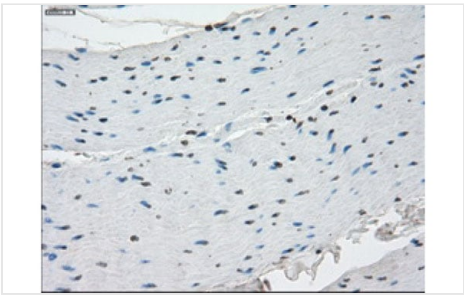
PRODUCT SYNONYMS

SSX2; Monoclonal Antibody; SSX2 antibody; Monoclonal SSX2; Anti-SSX2; Synovial sarcoma X breakpoint 2; CT5.2a; HD21; HOM-MEL-40; MGC119055; Cancer/testis antigen 5.2; Tumor antigen HOM-MEL-40; SSX 2; SSX-2; anti-SSX2 antibody

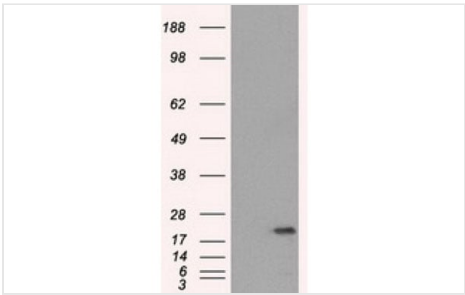
PRODUCT SPECIFICATIONS

Host	Mouse
Clonality	Monoclonal
Isotype	IgG1
Clone Number	4D10
Purity/Purification	SSX2 antibody was purified by affinity chromatography.
Form/Format	Supplied in PBS buffer, pH 7.3, containing 1% BSA, 50% glycerol and 0.02% sodium azide.
Concentration	500 ug-1 mg/ml (varies by lot)
Sequence Length	188
Applicable Applications for anti-SSX2 antibody	WB (Western Blot), IHC (Immunohistochemistry), IF (Immunofluorescence)
Biological Significance	SSX2 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.
Cross-Reactivity	Human
Immunogen	SSX2 antibody was raised in mouse using a protein expressed in 293T cell transfected with human SSX2 expression vector as the immunogen.
Preparation and Storage	Store at 4 degree C for short term storage. Aliquot and store at -20 degree C for long term storage. Avoid repeated freeze/thaw cycles.

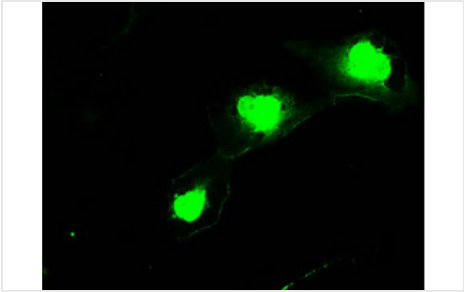
IMAGES



IHC (Immunohistochemistry)
Immunohistochemical analysis of SSX2 protein in paraffin embedded Human colon tissue using SSX2 antibody



WB (Western Blot)
Western Blot analysis of HEK293T cell lysates (5 ug) transfected with either recombinant SSX2 protein (Right) or empty vector (Left) detected with SSX2 antibody



IF (Immunofluorescence)
Immunofluorescent staining of COS7 cells transiently transfected with recombinant SSX2 protein using SSX2 antibody

ADDITIONAL INFORMATION

Related Product Information for anti-SSX2 antibody	Mouse monoclonal SSX2 antibody
Product Categories/Family for anti-SSX2 antibody	Cancer

NCBI AND UNIPROT INFORMATION

NCBI GI #	4218445
UniProt Accession #	Q16385; Q16404; Q5JS26; Q96IP7; Q9BU88
Molecular Weight	25,173 Da
NCBI Official Full Name	SSX2
UniProt Protein Name	Protein SSX2
UniProt Gene Name	SSX2
UniProt Synonym Gene Names	SSX2A; CT5.2
UniProt Entry Name	SSX2_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.