

Mouse anti-Human, Mouse SP1 Monoclonal Antibody | anti-SP1 antibody

SP1 (Transcription Factor Sp1, TSFP1) (FITC)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA25261	Mouse	Human, Mouse	ELISA, Immunofluorescence, Immunohistochemistry, Western Blot

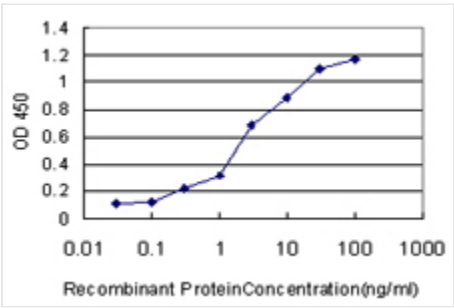
PRODUCT SYNONYMS

SP1; Monoclonal Antibody; SP1 (Transcription Factor Sp1; TSFP1) (FITC); anti-SP1 antibody

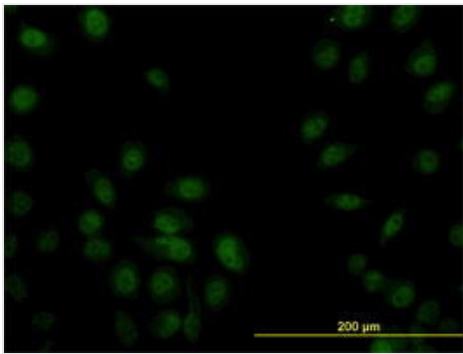
PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Human, Mouse
Clonality	Monoclonal
Isotype	IgG1
Clone Number	1A5
Specificity	Recognizes human SP1. Species Crossreactivity: mouse.
Purity/Purification	Purified by Protein A Affinity Chromatography.
Form/Format	Supplied as a liquid in PBS, pH 7.2. No preservative added. Labeled with Fluorescein isothiocyanate (FITC).
Applicable Applications for anti-SP1 antibody	ELISA, IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Application Notes	IF: 10ug/ml Applications are based on unconjugated antibody.
Immunogen	Partial recombinant corresponding to aa89-199 from human SP1 (NP_612482) with GST tag. MW of the GST tag alone is 26kD.
Immunogen Sequence	GTGELDLTATQLSQGANGWQIISSSSGATPTSKEQSGSSTNGSNGSESSKNRTVSGGQYVVAAAPNLQNQQVLTGLPGVMPNIQYQVIPQFQTVDGQQ
Conjugate	FITC
Preparation and Storage	Store product at 4 degree C if to be used immediately within two weeks. For long-term storage, aliquot to avoid repeated freezing and thawing and store at -20 degree C. Aliquots are stable at -20 degree C for 12 months after receipt. Dilute required amount only prior to immediate use. Further dilutions can be made in assay buffer. FITC conjugates are sensitive to light. For maximum recovery of product, centrifuge the original vial after thawing and prior to removing the cap.

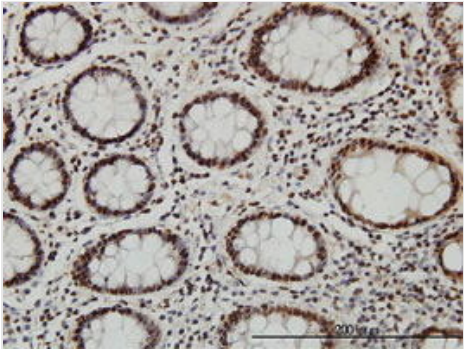
IMAGES



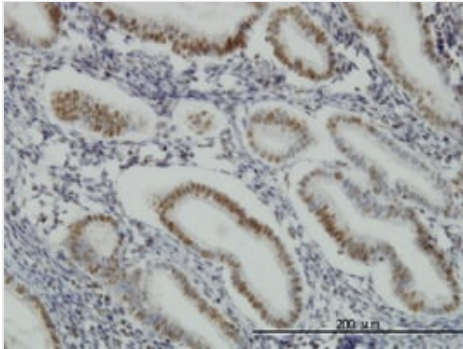
Application Data
Detection limit for recombinant GST tagged SP1 is ~0.1ng/ml as a capture antibody.



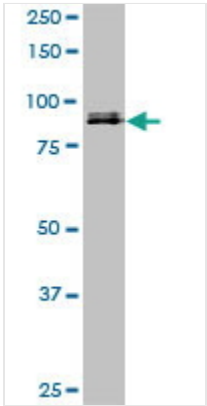
IF (Immunofluorescence)
Immunofluorescence of monoclonal antibody to SP1 on HeLa cell. [antibody concentration 10ug/ml].



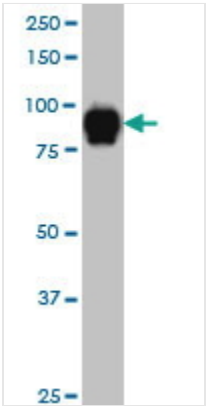
IHC (Immunohistochemistry)
Immunoperoxidase of monoclonal antibody to SP1 on formalin-fixed paraffin-embedded human colon. [antibody concentration 1ug/ml].



IHC (Immunohistochemistry)
Immunoperoxidase of monoclonal antibody to SP1 on formalin-fixed paraffin-embedded human endometrium. [antibody concentration 1ug/ml].



WB (Western Blot)
SP1 monoclonal antibody. Western Blot analysis of SP1 expression in NIH/3T3.



WB (Western Blot)
SP1 monoclonal antibody, Western Blot analysis of SP1 expression in Hela NE.

ADDITIONAL INFORMATION

Product Categories/Family for anti-SP1 antibody	Antibodies; Transcription Factors
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NCBI AND UNIPROT INFORMATION

NCBI GI #	38372901
NCBI GeneID	6667
NCBI Accession #	NP_612482

NCBI GenBank Nucleotide #	NM_138473
UniProt Accession #	P08047 ; Q86TN8 ; Q9H3Q5 ; Q9NR51 ; Q9NY21 ; Q9NYE7 ; E4Z9M7 ; G5E9M8
Molecular Weight	75,824 Da
NCBI Official Full Name	transcription factor Sp1 isoform a
NCBI Official Synonym Full Names	Sp1 transcription factor
NCBI Official Symbol	SP1
NCBI Protein Information	transcription factor Sp1
UniProt Protein Name	Transcription factor Sp1
UniProt Gene Name	SP1
UniProt Synonym Gene Names	TSFP1
UniProt Entry Name	SP1_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.

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Online datasheet: <https://stage.aaabiotech.com/monoclonal/sp1-antibody-clone-1a5-immunofluorescence-immunohistochemistry-western-blot-elisa/25261>