

Mouse SF-1 / Steroidogenic Factor 1 Monoclonal Antibody | anti-SF-1 antibody

SF-1 / Steroidogenic Factor 1

CATALOG #
AAA59445

HOST
Mouse

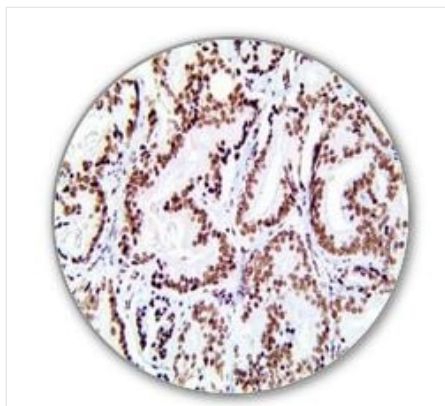
PRODUCT SYNONYMS

SF-1 / Steroidogenic Factor 1; Monoclonal Antibody; sf1; sf-1; sf 1; anti sf-1; anti-sf-1; anti-sf1; steroidogenic Factor 1; anti-steroidogenic; anti-SF-1 antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Clonality	Monoclonal
Isotype	IgG2a
Form/Format	Anti-SF-1 is a mouse monoclonal antibody derived from cell culture supernatant that is concentrated, dialyzed, filter sterilized and diluted in buffer pH 7.5, containing BSA and sodium azide as a preservative.
Control	Breast, Fallopian Tube, Colon, Bone Marrow, Testis, Transitional Cell Carcinoma, Lung Adenocarcinoma, Papillary Thyroid Carcinoma, Prostate Adenocarcinoma
Localization	Nuclear

IMAGES



IHC (Immunohistochemistry)

SF-1 Antibody Immunohistochemistry on an FFPE Prostate Adenocarcinoma Tissue

Antibody Type	Dilution	Volume/QTY
Prediluted	Ready-To-Use	3.0 ml
Prediluted	Ready-To-Use	7.0 ml
Prediluted	Ready-To-Use	15.0 ml
Concentrated	1:50-1:200	0.1 ml
Concentrated	1:50-1:200	0.5 ml
Concentrated	1:50-1:200	1.0 ml
Control Slides		5

Dilution Info

ADDITIONAL INFORMATION

Related Product Information for anti-SF-1 antibody	The Steroidogenic Factor 1 (SF-1) protein is a transcription factor involved in sex determination by controlling activity of genes related to the reproductive glands or gonads and adrenal glands. This protein is encoded by the NR5A1 gene. SF-1 expression is localized to adult steroidogenic tissues correlating with known expression profiles of steroid hydroxylases. Using in situ hybridization with SF-1 cRNA-specific probes detected gene transcripts in adrenocortical cells, Leydig cells, and ovarian theca and granulosa cells. SF-1 specific antibody studies confirmed the expression profile of SF-1 in rats and humans corresponding to sites of transcript detection. SF-1 antibody has been found to be a highly valuable IHC marker to determine the adrenocortical origin of an adrenal mass with high sensitivity and specificity. In addition, SF-1 expression is of stage-independent prognostic value in patients with adrenocortical carcinoma. Other SF-1 pathologies include adrenal failure (mutations in the SF-1 DNA-binding interface), adrenal or ovarian insufficiency and gonadal dysgenesis (heterozygous mutations), endometriosis (promoter hypomethylation), and male infertility (mutations in the hinge region of the protein). For the differential identification with endometrioid tumors and carcinoid of the ovary, SF-1 antibody is a sensitive and specific IHC marker for Sertoli cell tumor and that SF-1 is testally comparable with other good sex cord-stromal markers.
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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://www.aaabiotech.com/monoclonal/sf-1-steroidogenic-factor-1-antibody-elisa/59445>