

Recombinant Steroidogenic Factor 1 (SF-1) (Transcription Factor) Antibody

Mouse Monoclonal Antibody [Clone rSF1/4369]

Catalog No	Format	Size
2516-MSM9-P0	Purified Ab with BSA and Azide at 200ug/ml	20 ug
2516-MSM9-P1	Purified Ab with BSA and Azide at 200ug/ml	100 ug
2516-MSM9-P1ABX	Purified Ab WITHOUT BSA or Azide at 1.0mg/ml	100 ug

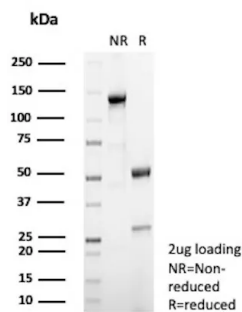
Applications	Tested Dillution	Note
Immunohistochemistry (IHC)	1-2ug/ml	30 min at RT. Staining of formalin-fixed tissues requires heating tissue sections in 10mM Tris with 1mM EDTA, pH 9.0, for 45 min at 95°C followed by cooling at RT for 20 minutes
Western Blot (WB)	2-4ug/ml	

Product Details

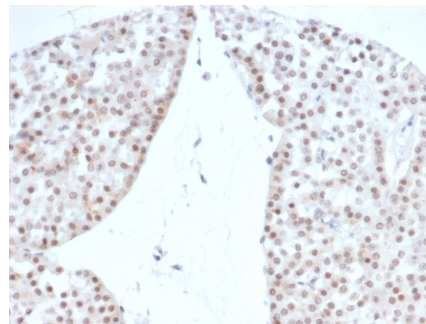
Clone	rSF1/4369
Immunogen	Recombinant fragment (around aa220-461) of the human NR5A1 (nuclear receptor subfamily 5 group A member 1) protein (exact sequence is proprietary)
Host	Mouse
Clonality	Monoclonal
Isotype / Light Chain	IgG1 / Kappa
Mol. Weight of Antigen	51.64kDa
Cellular Localization	Nucleus
Species Reactivity	Human
Positive Control	Human testis or adrenal cortical carcinoma.

*Optimal dilution for a specific application should be determined.

Product Images for Recombinant Steroidogenic Factor 1 (SF-1) (Transcription Factor) Antibody



SDS-PAGE Analysis of Purified SF-1 Recombinant Mouse Monoclonal Antibody (rNR5A1/4369). Confirmation of Integrity and Purity of Antibody.



Formalin-fixed, paraffin-embedded human renal oncocytoma stained with SF-1 Recombinant Mouse Monoclonal Antibody (rNR5A1/4369). HIER: Tris/EDTA, pH9.0, 45min. 2°: HRP-polymer, 30min. DAB, 5min.

Specificity & Comments

Steroidogenic Factor 1 (SF-1) is considered an orphan nuclear receptor that belongs to subfamily 5. It was found to be a regulator of steroidogenic enzyme gene expression. Oxysterols are suggested as its ligands. It is expressed in all steroidogenic tissues, including the adrenal cortex, testicular Sertoli cells, and Leydig cells, ovarian theca, hypothalamus, and anterior pituitary. SF-1 plays an important role in adrenal and gonadal development. SF-1 is highly valuable marker to determine the adrenocortical origin of an adrenal mass.

Supplied As

200ug/ml of Ab produced in a mammalian-based expression system. Prepared in 10mM PBS with 0.05% BSA & 0.05% azide. Also available WITHOUT BSA & azide at 1.0mg/ml.

Storage and Stability

Antibody with azide - store at 2 to 8 °C. Antibody without azide - store at -20 to -80 °C. Antibody is stable for 24 months. Non-hazardous. No MSDS required.

Limitations and Warranty

This antibody is available for research use only and is not approved for use in diagnosis. There are no warranties, expressed or implied, which extend beyond this description. Company is not liable for any personal injury or economic loss resulting from this product.
