

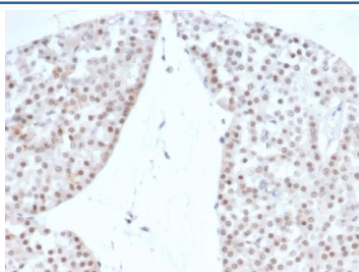
Recombinant Steroidogenic Factor 1 Antibody [clone rNR5A1/4369] (V4016)

| Catalog No. | Formulation | Size |
|----------------|---|--------|
| V4016-100UG | 0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced), 0.05% sodium azide | 100 ug |
| V4016-20UG | 0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced), 0.05% sodium azide | 20 ug |
| V4016SAF-100UG | 1 mg/ml in 1X PBS; BSA free, sodium azide free | 100 ug |

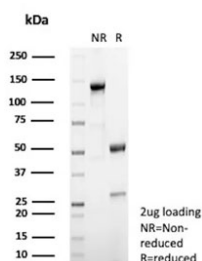
Recombinant **MOUSE MONOCLONAL**

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| | |
|---------------------------|--|
| Availability | 1-3 business days |
| Species Reactivity | Human |
| Format | Purified |
| Clonality | Recombinant Mouse Monoclonal |
| Isotype | Mouse IgG1, kappa |
| Clone Name | rNR5A1/4369 |
| Purity | Protein A/G affinity |
| UniProt | Q13285 |
| Localization | Nucleus |
| Applications | Immunohistochemistry (FFPE) : 1-2ug/ml |
| Limitations | This recombinant Steroidogenic Factor 1 antibody is available for research use only. |



IHC staining of FFPE human renal oncocytoma with recombinant Steroidogenic Factor 1 antibody (clone rNR5A1/4369). HIER: boil tissue sections in pH 9 10mM Tris with 1mM EDTA for 20 min and allow to cool before testing.



SDS-PAGE analysis of purified, BSA-free recombinant Steroidogenic Factor 1 antibody (clone rNR5A1/4369) as confirmation of integrity and purity.

Description

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.

Application Notes

Optimal dilution of the recombinant Steroidogenic Factor 1 antibody should be determined by the researcher.

Immunogen

A portion of amino acids 220-461 from the human protein was used as the immunogen for the recombinant Steroidogenic Factor 1 antibody.

Storage

Aliquot the recombinant Steroidogenic Factor 1 antibody and store frozen at -20oC or colder. Avoid repeated freeze-thaw cycles.