NR5A1 Monoclonal Antibody (N1665)

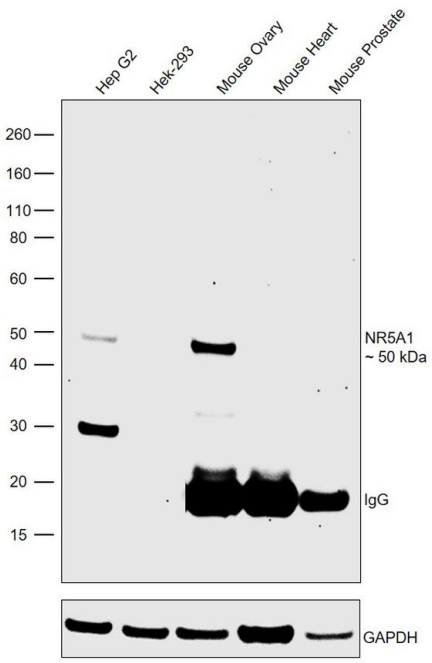
Product Details	
Size	100 µL
Species Reactivity	Human, Mouse, Rat
Published Species	Rat, Human, Mouse
Host/Isotype	Mouse / IgG1
Class	Monoclonal
Type	Antibody
Clone	N1665
Conjugate	Unconjugated
Immunogen	BALB/c mouse immunized with E.coli-expressed recombinant human SF-1 (218-461aa).
Form	Liquid
Concentration	1 mg/mL
Purification	Protein A
Storage buffer	physiological saline
Contains	0.1% sodium azide
Storage conditions	Maintain refrigerated at 2-8°C for up to 1 month. For long term storage store at -20°C
RRID	AB_2532209

Applications	Tested Dilution	Publications
Western Blot (WB)	3 µg/mL	-
Immunohistochemistry (IHC)	-	10 Publications
Immunohistochemistry (Paraffin) (IHC (P))	10 µg/mL	2 Publications
Immunohistochemistry (PFA fixed) (IHC (PFA))	-	1 Publication
Immunohistochemistry (Frozen) (IHC (F))	-	1 Publication
Immunocytochemistry (ICC/IF)	-	3 Publications
ELISA (ELISA)	0.1 µg/mL	-
Immunoprecipitation (IP)	Assay-dependent	-
Miscellaneous PubMed (Misc)	-	1 Publication

Product Specific Information

This antibody specifically recognizes human SF-1 and cross reacts with mouse and rat SF-1.

Product Images For NR5A1 Monoclonal Antibody (N1665)



NR5A1 Antibody (434200) in WB
Western blot was performed using NR5A1 Monoclonal Antibody (Product # 434200) and a 50 kDa band corresponding to NR5A1 was observed in the cell line and tissues tested. Modified whole cell extracts (1% SDS) (30 µg lysate) of Hep G2 (Lane 1), Hek-293 (Lane 2), tissue extracts of Mouse Ovary (Lane 3), Mouse Heart (Lane 4) and Mouse Prostate (Lane 5) were electrophoresed using NuPAGE™ 4-12% Bis-Tris Protein Gel (Product # NP0322BOX). Resolved proteins were then transferred onto a nitrocellulose membrane (Product # IB23001) by iBlot® 2 Dry Blotting System (Product # IB21001). The blot was probed with the primary antibody (3 µg/ml) and detected by chemiluminescence with Goat anti-Mouse IgG (H+L) Superclonal™ Recombinant Secondary Antibody, HRP (Product # A28177, 1:4000 dilution) using the iBright FL 1000 (Product # A32752). Chemiluminescent detection was performed using SuperSignal™ West Dura Extended Duration Substrate (Product # 34076). Hek-293 cell line, Heart and Prostate tissues have been reported to have low to negative expression of NR5A1. (Note: A band at ~25 kDa was observed in mouse tissues corresponding to circulating IgG).

View more figures on thermofisher.com

18 References

Immunohistochemistry (10)

Clinical endocrinology

Pre- and postoperative ^{68} Ga-DOTATOC positron emission tomography for hormone-secreting pituitary neuroendocrine tumours.

"434200 was used in Immunohistochemistry to show that corticotroph tumours had a significantly lower uptake compared to the pituitary gland but without a distinct increased tumour uptake the clinical postoperative value is limited."

Authors: Tjörnstrand A,Casar-Borota O,Heurling K,Schöll M,Gjertsson P,Ragnarsson O,Filipsson Nyström H

Year 2021

Species Human

Dilution 1:100

Neuropathology and applied neurobiology

Gonadotroph tumours with a low SF-1 labelling index are more likely to recur and are associated with enrichment of the PI3K-AKT pathway.

"Published figure using NR5A1 monoclonal antibody (Product # 434200) in Immunohistochemistry"

Authors: Hickman RA,Bruce JN,Otten M,Khandji AG,Flowers XE,Siegelin M,Lopes B,Faust PL,Freda PU

Year 2021

View more IHC references on thermofisher.com

Immunohistochemistry (Paraffin) (2)

Endocrine pathology

Oncogene-Induced Senescence in Pituitary Adenomas--an Immunohistochemical Study.

"434200 was used in immunohistochemistry - paraffin section to report the expression of senescence-associated lysosomal beta-galactosidase, p16, and p21 in different types of pituitary adenomas"

Authors: Manojlovic-Gacic E,Skender-Gazibara M,Popovic V,Soldatovic I,Boricic N,Raicevic S,Pekic S,Doknic M,Miljic D,Alafuzoff I,Pontén F,Casar-Borota O

Year 2016

Species Human

Dilution 1:200

Endocrinology

Steroidogenic factor 1 promotes aggressive growth of castration-resistant prostate cancer cells by stimulating steroid synthesis and cell proliferation.

"Published figure using NR5A1 monoclonal antibody (Product # 434200) in Immunohistochemistry"

Authors: Lewis SR,Hedman CJ,Ziegler T,Ricke WA,Jorgensen JS

Year 2014

Species Human

More applications with references on thermofisher.com

IHC (PFA) (1) **IHC (F) (1)** **ICC/IF (3)** **Misc (1)**

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