

# Product Datasheet

## NGFI-B alpha/Nur77/NR4A1 Antibody (JM59-11) NBP2-66980

Unit Size: 100 ul

Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.

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**NBP2-66980**

NGFI-B alpha/Nur77/NR4A1 Antibody (JM59-11)

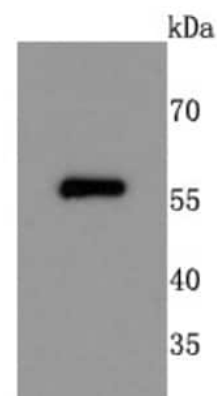
Product Information	
Unit Size	100 ul
Concentration	1 mg/ml
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	JM59-11
Preservative	0.05% Sodium Azide
Isotype	IgG
Purity	Protein A purified
Buffer	TBS (pH7.4), 0.05% BSA, 40% Glycerol

Product Description	
Description	Novus Biologicals Rabbit NGFI-B alpha/Nur77/NR4A1 Antibody (JM59-11) (NBP2-66980) is a recombinant monoclonal antibody validated for use in IHC, WB and ICC/IF. Anti-NGFI-B alpha/Nur77/NR4A1 Antibody: Cited in 2 publications. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rabbit
Gene ID	3164
Gene Symbol	NR4A1
Species	Human, Mouse, Rat
Immunogen	Synthetic peptide within Human NGFI-B alpha/Nur77/NR4A1 aa 10-49 / 598. (SwissProt: P22736 Human; SwissProt: P12813 Mouse; SwissProt: P22829 Rat)

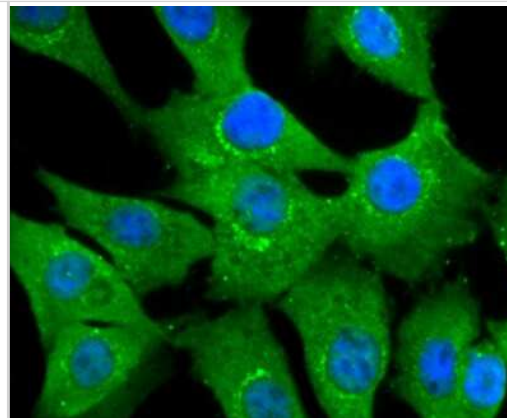
Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin, Immunocytochemistry/Immunofluorescence, Immunohistochemistry
Recommended Dilutions	Western Blot 1:500-1:1000, Immunohistochemistry, Immunocytochemistry/Immunofluorescence 1:50-1:200, Immunohistochemistry-Paraffin 1:50-1:200

**Images**

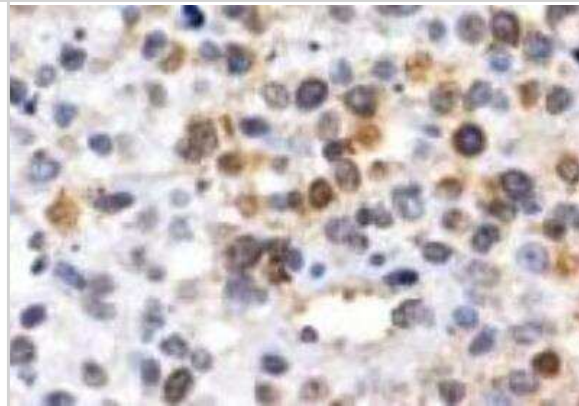
Western Blot: NGFI-B alpha/Nur77/NR4A1 Antibody (JM59-11) [NBP2-66980] - Analysis of NUR77 on rat brain tissue lysates using anti-NUR77 antibody at 1/500 dilution.



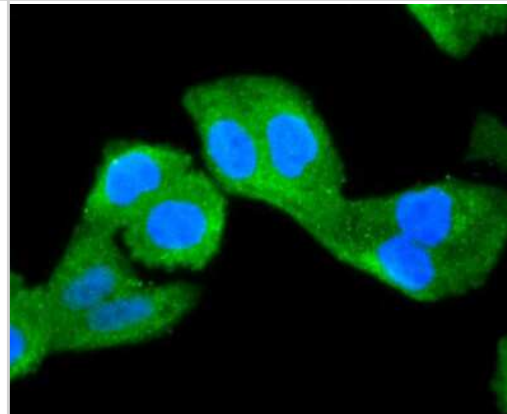
Immunocytochemistry/Immunofluorescence: NGFI-B alpha/Nur77/NR4A1 Antibody (JM59-11) [NBP2-66980] - Staining NUR77 in NIH-3T3 cells (green). The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.



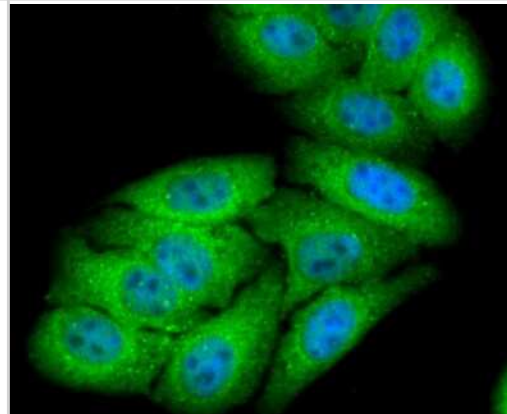
Immunohistochemistry-Paraffin: NGFI-B alpha/Nur77/NR4A1 Antibody (JM59-11) [NBP2-66980] - Human lymph node tissue stained with NGFI-B alpha/Nur77/NR4A1 Antibody (JM59-11). IHC-P image submitted by a verified customer review.



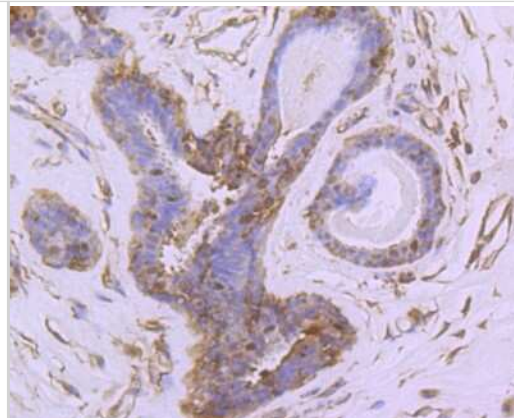
Immunocytochemistry/Immunofluorescence: NGFI-B alpha/Nur77/NR4A1 Antibody (JM59-11) [NBP2-66980] - Staining NUR77 in HeLa cells (green). The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.



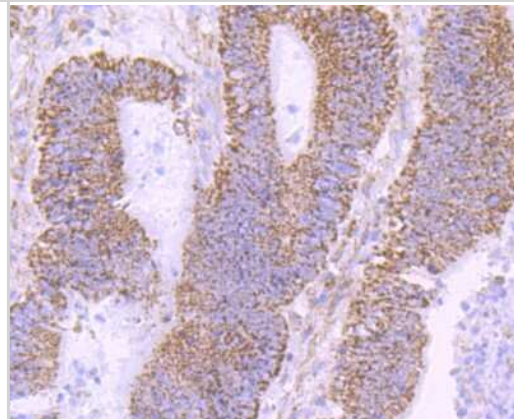
Immunocytochemistry/Immunofluorescence: NGFI-B alpha/Nur77/NR4A1 Antibody (JM59-11) [NBP2-66980] - Staining NUR77 in HepG2 cells (green). The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.



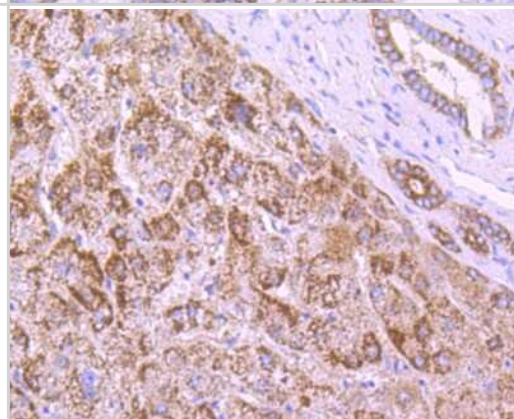
Immunohistochemistry-Paraffin: NGFI-B alpha/Nur77/NR4A1 Antibody (JM59-11) [NBP2-66980] - Analysis of paraffin-embedded human breast tissue using anti-NUR77 antibody. Counter stained with hematoxylin.



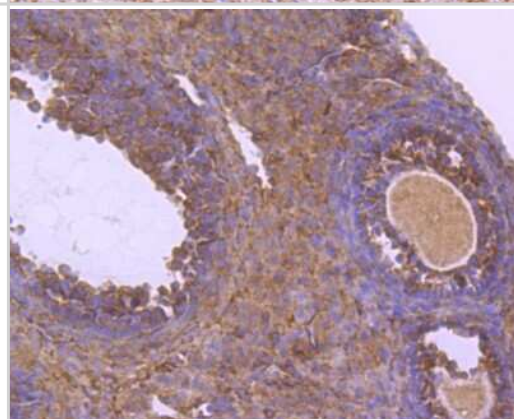
Immunohistochemistry-Paraffin: NGFI-B alpha/Nur77/NR4A1 Antibody (JM59-11) [NBP2-66980] - Analysis of paraffin-embedded human colon cancer tissue using anti-NUR77 antibody. Counter stained with hematoxylin.



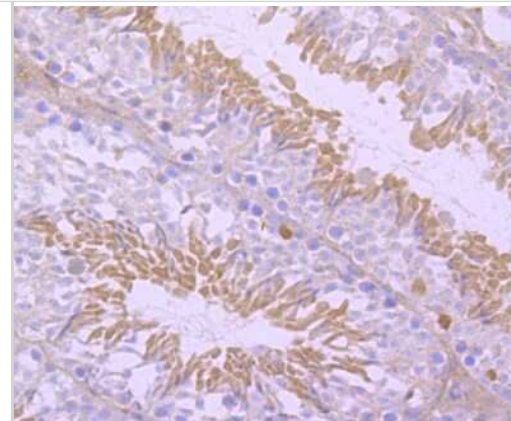
Immunohistochemistry-Paraffin: NGFI-B alpha/Nur77/NR4A1 Antibody (JM59-11) [NBP2-66980] - Analysis of paraffin-embedded human liver tissue using anti-NUR77 antibody. Counter stained with hematoxylin.



Immunohistochemistry-Paraffin: NGFI-B alpha/Nur77/NR4A1 Antibody (JM59-11) [NBP2-66980] - Analysis of paraffin-embedded mouse ovarian using anti-NUR77 antibody. Counter stained with hematoxylin.



Immunohistochemistry-Paraffin: NGFI-B alpha/Nur77/NR4A1 Antibody (JM59-11) [NBP2-66980] - Analysis of paraffin-embedded mouse testis tissue using anti-NUR77 antibody. Counter stained with hematoxylin.



## Publications

Chen S, Ding S, Pang Y et Al. Dysregulated miR-124 mediates impaired social memory behavior caused by paternal early social isolation *Transl Psychiatry* 2024-09-28 [PMID: 39341799]

Kawana S, Okazaki M, Sakaue T et al. Loss of Nr4a1 ameliorates endothelial cell injury and vascular leakage in lung transplantation from circulatory-death donor. *The Journal of heart and lung transplantation : the official publication of the International Society for Heart Transplantation* 2024-10-05 [PMID: 39369968]



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### **Products Related to NBP2-66980**

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NBP2-33376H	Blue Marker Antibody (6F4-F6) [HRP]
HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control

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### **Limitations**

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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