

Product Datasheet

FSHR Antibody NLS2231

Unit Size: 0.05 ml

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

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Updated 8/9/2020 v.20.1

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NLS2231

FSHR Antibody

Product Information	
Unit Size	0.05 ml
Concentration	1.0 mg/ml
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.1% Sodium Azide
Isotype	IgG
Purity	Immunogen affinity purified
Buffer	PBS

Product Description	
Host	Rabbit
Gene ID	2492
Gene Symbol	FSHR
Species	Human, Monkey
Reactivity Notes	Predicted cross-reactivity based on sequence identity: Gorilla (100%), Marmoset (100%), Gibbon (94%), Bovine (88%), Feline (88%), Goat (88%), Mouse (82%), Rat (82%), Sheep (82%).
Specificity/Sensitivity	Human FSHR. BLAST analysis of the peptide immunogen showed no homology with other human proteins.
Immunogen	Synthetic 17 amino acid peptide from N-terminal extracellular domain of human FSHR.

Product Application Details	
Applications	Immunohistochemistry, Immunohistochemistry-Paraffin
Recommended Dilutions	Immunohistochemistry, Immunohistochemistry-Paraffin 10-20 ug/ml

Publications

Czogalla B, Partenheimer A, Badmann S et al. Nuclear Enolase-1/ MBP-1 expression and its association with the Wnt signaling in epithelial ovarian cancer Transl Oncol 2020-10-14 [PMID: 33069100] (IHC-P, Human)

Deuster E, Mayr D, Hester A et al. Correlation of the Aryl Hydrocarbon Receptor with FSHR in Ovarian Cancer Patients Int J Mol Sci 2019-06-12 [PMID: 31212758] (IF/IHC, Human)



Procedures

Immunohistochemistry Protocol for FSH Receptor Antibody (NLS2231)

"Immunohistochemistry

-
1. Prepare tissue with formalin fixation and by embedding it in paraffin wax.
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2. Make 4-mm sections and place on pre-cleaned and charged microscope slides.
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3. Heat in a tissue-drying oven for 45 minutes @ 60 degrees Celcius.
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4. Deparaffinize the tissues by wash drying the slides in 3 changes of xylene for 5 minutes each @ RT.
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5. Rehydrate the tissues by washing the slides in 3 changes of 100% alcohol for 3 minutes each @ RT.
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6. Wash the slides in 2 changes of 95% alcohol for 3 minutes each @ RT.
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7. Wash the slides in 1 change of 80% alcohol for 3 minutes @ RT.
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8. Rinse the slides in gentle running distilled water for 5 minutes @ RT.
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9. Perform antigen retrieval by steaming the slides in 0.01M sodium citrate buffer (pH 6.0) @ 99-100 degrees Celcius

for 20 minutes.
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10. Remove the slides from the heat and let stand in buffer @ RT for 20 minutes.
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11. Rinse the slides in 1X TBS-T for 1 minute @ RT.
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****Do not allow the tissues to dry at any time during the staining procedure****
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12. Begin the immunostaining by applying a universal protein block for 20 minutes @ RT.
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13. Drain protein block from the slides and apply the diluted primary antibody for 45 minutes @ RT.
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14. Rinse the slide in 1X TBS-T for 1 minute @ RT.
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15. Apply a biotinylated anti-rabbit IgG (H+L) secondary for 30 minutes @ RT.
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16. Rinse the slide in 1X TBS-T for 1 minute @ RT.
 -
17. Apply an alkaline phosphatase streptavidin for 30 minutes @ RT.
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18. Rinse the slide in 1X TBS-T for 1 minute @ RT.
 -
19. Apply an alkaline phosphatase chromagen substrate for 30 minutes @ RT.
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20. Rinse the slide in distilled water for 1 minute @ RT.
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****This method should only be used if the chromagen substrate is alcohol insoluble (ie: Vector Red, DAB)****
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21. Dehydrate the tissue by washing the slides in 2 changes of 80% alcohol for 1 minute each @ RT.
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22. Wash the slides in 2 changes of 95% alcohol for 1 minute each @ RT.
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23. Wash the slides in 3 changes of 100% alcohol for 1 minute each @ RT.
 -
24. Wash the slides in 3 changes of xylene for 1 minute each @ RT.
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25. Apply cover slip.
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Novus Biologicals USA

10730 E. Briarwood Avenue
Centennial, CO 80112
USA
Phone: 303.730.1950
Toll Free: 1.888.506.6887
Fax: 303.730.1966
nb-customerservice@bio-techne.com

Bio-Techne Canada

21 Canmotor Ave
Toronto, ON M8Z 4E6
Canada
Phone: 905.827.6400
Toll Free: 855.668.8722
Fax: 905.827.6402
canada.inquires@bio-techne.com

Bio-Techne Ltd

19 Barton Lane
Abingdon Science Park
Abingdon, OX14 3NB, United Kingdom
Phone: (44) (0) 1235 529449
Free Phone: 0800 37 34 15
Fax: (44) (0) 1235 533420
info.EMEA@bio-techne.com

General Contact Information

www.novusbio.com
Technical Support: nb-technical@bio-techne.com
Orders: nb-customerservice@bio-techne.com
General: novus@novusbio.com

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.

For more information on our 100% guarantee, please visit www.novusbio.com/guarantee

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