

Product Datasheet

PTGFR Antibody NLS6624

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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NLS6624**PTGFR 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

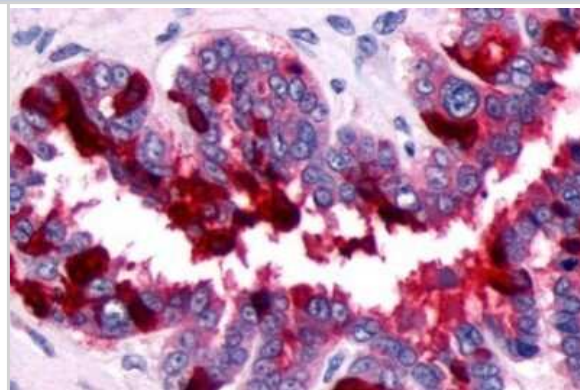
Host	Rabbit
Gene ID	5737
Gene Symbol	PTGFR
Species	Human
Reactivity Notes	Predicted cross-reactivity based on sequence identity: Gibbon (94%), Marmoset (89%), Mosue (89%), Rat (89%), Elephant (89%), Panda (89%), Bat (89%), Canine (89%), Rabbit (89%), Porcine (89%), Turkey (83%), Chicken (83%), Platypus (83%).
Specificity/Sensitivity	Human PTGFR. BLAST analysis of the peptide immunogen showed no homology with other human proteins.
Immunogen	Synthetic 18 amino acid peptide from 1st extracellular domain of human PTGFR.

Product Application Details

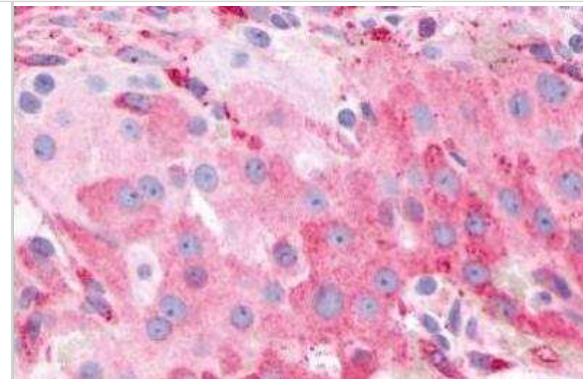
Applications	Immunohistochemistry, Immunohistochemistry-Paraffin
Recommended Dilutions	Immunohistochemistry, Immunohistochemistry-Paraffin 4 - 20 ug/ml

Images

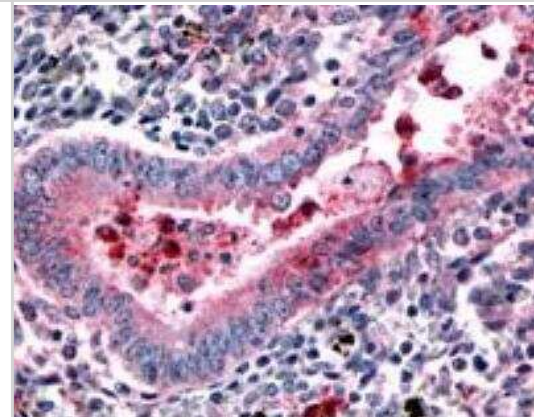
Immunohistochemistry-Paraffin: PTGFR Antibody [NLS6624] - Anti-FP / PTGFR antibody IHC of human Ovary, Carcinoma.
Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval.



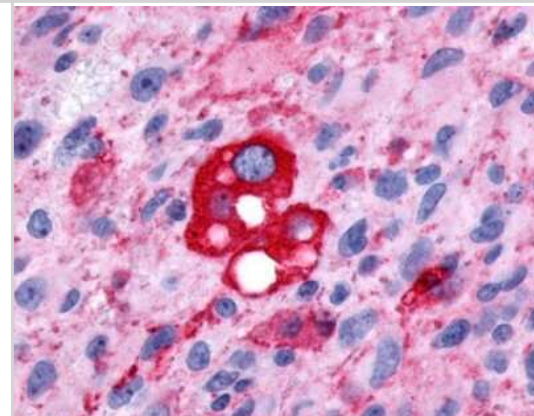
Immunohistochemistry-Paraffin: PTGFR Antibody [NLS6624] - Analysis of anti-PTGFR antibody with human ovary.



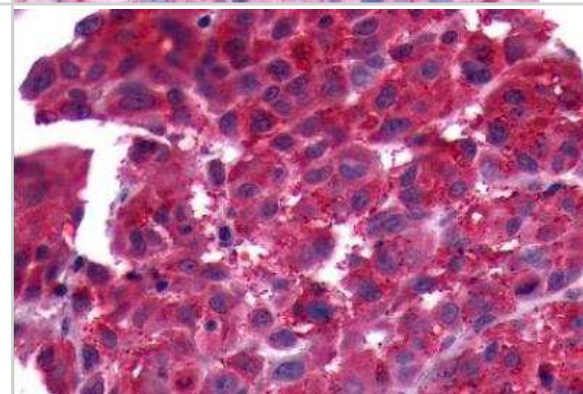
Immunohistochemistry-Paraffin: PTGFR Antibody [NLS6624] - Analysis of anti-PTGFR antibody with uterus at dilution 20 ug/ml.



Immunohistochemistry-Paraffin: PTGFR Antibody [NLS6624] - Analysis of anti-PTGFR antibody with human brain, glioblastoma.



Immunohistochemistry-Paraffin: PTGFR Antibody [NLS6624] - Human Skin, Melanoma. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval.



Procedures

Immunohistochemistry Protocol for Prostaglandin F2 alpha Receptor Antibody (NLS6624)

Immunohistochemistry Protocol for Prostaglandin F2 alpha Receptor Antibody (NLS6624):

https://www.novusbio.com/products/ptgfr-antibody_nls6624

Immunohistochemistry

1. Prepare tissue with formalin fixation and by embedding it in paraffin wax.
2. Make 4 um sections and place on pre-cleaned and charged microscope slides.
3. Heat in a tissue-drying oven for 45 minutes @ 60 degrees Celcius.
4. Deparaffinize the tissues by wash drying the slides in 3 changes of xylene for 5 minutes each @ RT.
5. Rehydrate the tissues by washing the slides in 3 changes of 100% alcohol for 3 minutes each @ RT.
6. Wash the slides in 2 changes of 95% alcohol for 3 minutes each @ RT.
7. Wash the slides in 1 change of 80% alcohol for 3 minutes @ RT.
8. Rinse the slides in gentle running distilled water for 5 minutes @ RT.
9. Perform antigen retrieval by steaming the slides in 0.01M sodium citrate buffer (pH 6.0) @ 99-100 degrees Celcius for 20 minutes.
10. Remove the slides from the heat and let stand in buffer @ RT for 20 minutes.
11. Rinse the slides in 1X TBS-T for 1 minute @ RT.

****Do not allow the tissues to dry at any time during the staining procedure****

12. Begin the immunostaining by applying a universal protein block for 20 minutes @ RT.
13. Drain protein block from the slides and apply the diluted primary antibody for 45 minutes @ RT.
14. Rinse the slide in 1X TBS-T for 1 minute @ RT.
15. Apply a biotinylated anti-rabbit IgG (H+L) secondary for 30 minutes @ RT.
16. Rinse the slide in 1X TBS-T for 1 minute @ RT.
17. Apply an alkaline phosphatase streptavidin for 30 minutes @ RT.
18. Rinse the slide in 1X TBS-T for 1 minute @ RT.
19. Apply an alkaline phosphatase chromagen substrate for 30 minutes @ RT.
20. Rinse the slide in distilled water for 1 minute @ RT.

****This method should only be used if the chromagen substrate is alcohol insoluble (ie: Vector Red, DAB)****

21. Dehydrate the tissue by washing the slides in 2 changes of 80% alcohol for 1 minute each @ RT.
22. Wash the slides in 2 changes of 95% alcohol for 1 minute each @ RT.
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.
25. Apply cover slip.





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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.

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

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