

# Product Datasheet

## Progesterone R/NR3C3 Antibody (X22-C) NBP1-79077-100ul

Unit Size: 100 ul

Store at 4C. Do not freeze.

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**NBP1-79077-100ul**

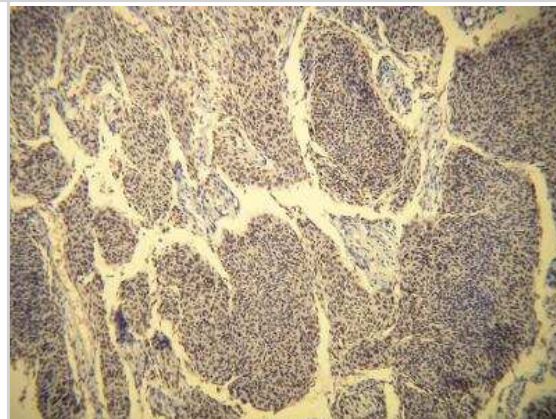
Progesterone R/NR3C3 Antibody (X22-C)

<b>Product Information</b>	
<b>Unit Size</b>	100 ul
<b>Concentration</b>	Please see the vial label for concentration. If unlisted please contact technical services.
<b>Storage</b>	Store at 4C. Do not freeze.
<b>Clonality</b>	Monoclonal
<b>Clone</b>	X22-C
<b>Preservative</b>	0.05% Sodium Azide
<b>Isotype</b>	IgG
<b>Purity</b>	Immunogen affinity purified
<b>Buffer</b>	20mM Tris-HCl (pH 8.0) and 20mg/ml BSA
<b>Product Description</b>	
<b>Description</b>	This antibody is immunoaffinity purified with immunogenic peptide as a ligand.
<b>Host</b>	Rabbit
<b>Gene ID</b>	5241
<b>Gene Symbol</b>	PGR
<b>Species</b>	Human
<b>Immunogen</b>	Peptide derived from N-terminal region of human Progesterone R/NR3C3. Antibody recognizes the epitope between Lys5 - Pro21.
<b>Notes</b>	This antibody is immunoaffinity purified with immunogenic peptide as a ligand.
<b>Product Application Details</b>	
<b>Applications</b>	Immunohistochemistry, Immunohistochemistry-Paraffin
<b>Recommended Dilutions</b>	Immunohistochemistry 1:10-1:500, Immunohistochemistry-Paraffin 1:100-1:200

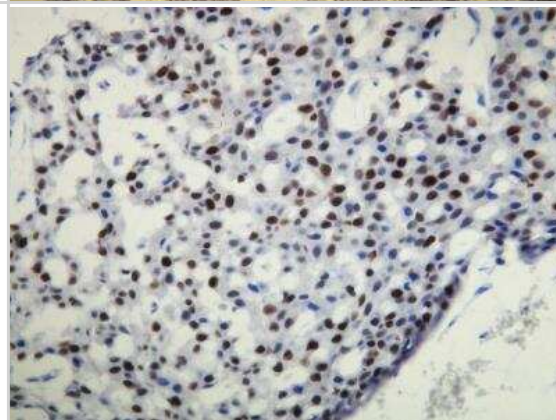


## Images

Immunohistochemistry-Paraffin: Progesterone R/NR3C3 Antibody (X22-C) [NBP1-79077] - Diffuse nuclear progesterone receptor (PR) expression in meningothelial meningioma. Formalin fixed, paraffin embedded human tissues (4 um sections) stained with anti - PR monospecific clonal antibody



Immunohistochemistry-Paraffin: Progesterone R/NR3C3 Antibody (X22-C) [NBP1-79077] - Progesterone receptor (PR) expression in the ductal carcinoma of the breast. Formalin fixed, paraffin embedded human tissues (4 um sections) stained with anti - PR monospecific clonal antibody



## Procedures

### **Immunohistochemistry-Paraffin protocol for Progesterone R/NR3C3 Antibody (NBP1-79077)**

#### IHC-P Protocol (NBP1-79077):

1. Deparaffinize the section in 3 changes of xylene, 5 minutes each.
2. Wash the section in 96%, 80% and 70% benzyl alcohol for 5 minutes each.
3. Rinse in distilled water.
4. Block the endogenous peroxidase by incubating the tissue in 3% hydrogen peroxide (H<sub>2</sub>O<sub>2</sub>) for 10 minutes.
5. Wash in distilled water.
6. For antigen retrieval: immerse the slide in Tris-EDTA buffer, pH 9.0, 0.05% Tween- 20\*, and incubate at 95C in waterbath for 60 minutes.
7. Remove the staining to room temperature and let the slide to cool (in TRIS-EDTA buffer, pH 9.0) for 15 minutes.
8. Rinse in distilled water.
9. Wash in 0.05 M Tris-HCl, pH 7.6 buffer supplemented with 1% of Tween-20 (buffer A) for 5 minutes.
10. Incubate the section with primary antibody diluted in buffer A at the dilution 1:100- 1:200 for 1 hour in the closed wet chamber.
11. Wash twice 5 minutes with buffer A.
12. Apply the secondary antibody (the protocol depends on the supplier), and proceed to standard immunohistochemistry protocol (HRP - Peroxide - DAB).
13. Wash twice 5 minutes with buffer A.
14. Apply the chromogen (DAB), 10 minutes.
15. Wash in water - 10 minutes.
16. Stain in hematoxylin for 5 minutes.
17. Wash in water - 10 minutes.
18. Dehydrate the section in 2 changes of 96% benzyl alcohol for 5 minutes each.
19. Wash the section in 2 changes of xylene for 2 minutes each.
20. Mount the slide for observation.



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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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