Product Datasheet

Progesterone R B/NR3C3 Antibody (CL8721) - Azide and BSA Free
NBP3-44136

Unit Size: 100 ug

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

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Updated 3/16/2025 v.20.1

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Progesterone R B/NR3C3 Antibody (CL8721) - Azide and BSA Free

Product Information

Unit Size	100 ug
Concentration	LYOPH mg/ml
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	CL8721
Preservative	No Preservative
Reconstitution Instructions	Centrifuge the vial of lyophilized antibody at 12,000 x g for 20 seconds. Reconstitute by adding sterile, distilled water to achieve a final antibody concentration of 1mg/ml.
Isotype	IgG1
Purity	Protein A purified
Buffer	Lyophilized from a 0.2 um filtered solution in PBS with Trehalose

Product Description

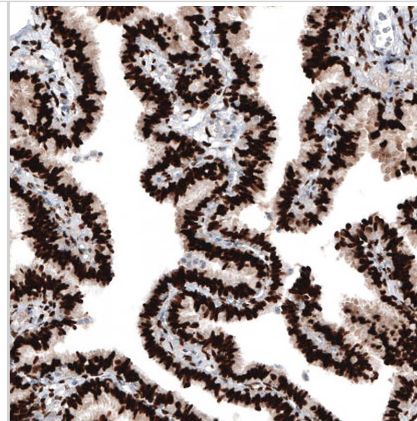|	
Host	Mouse
Gene ID	5241
Gene Symbol	PGR
Species	Human
Immunogen	This antibody was generated using a recombinant protein sequence of P06401, with the exact immunogen sequence remaining proprietary.

Product Application Details

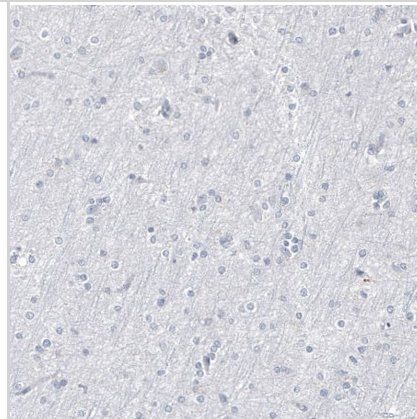|	
Applications	Western Blot, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry-Paraffin
Recommended Dilutions	Western Blot 1 ug/ml, Immunocytochemistry/ Immunofluorescence 2-10 ug/ml, Immunohistochemistry-Paraffin 1:2500 - 1:5000
Application Notes	Immunocytochemistry/ Immunofluorescence/IF Fixation Permeabilization: Use PFA/Triton X-100. For IHC-Paraffin, HIER pH 6 retrieval is recommended.

Images

Analysis in human endometrium and pancreas tissues using NBP3-44136 antibody. Corresponding Progesterone R B/NR3C3 RNA-seq data are presented for the same tissues.
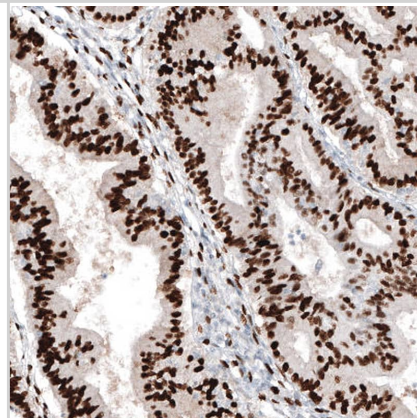

PGR in Endometrium   PGR in Pancreas
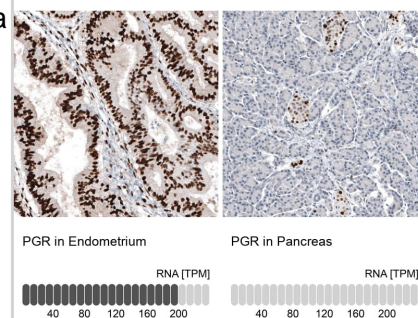
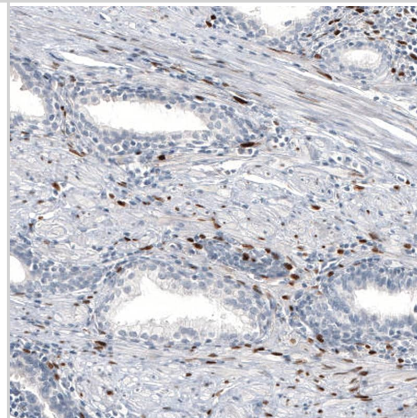|	
Staining of human Fallopian tube shows strong nuclear positivity in glandular cells.	
Staining of human cerebral cortex shows no positivity in neurons as expected.	
Staining of human endometrium shows strong nuclear positivity in glandular cells.	
Staining of human prostate shows moderate to strong nuclear positivity in smooth muscle cells.	

Staining of human pancreas shows moderate to strong nuclear positivity in Langerhans cells.
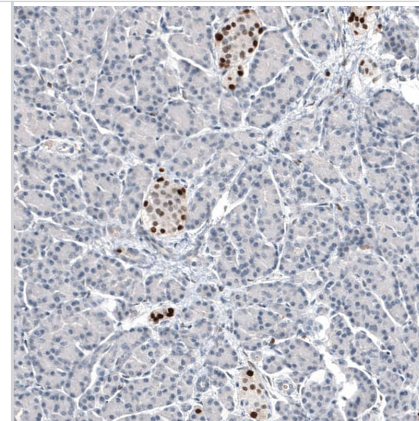
Analysis in human cell line TD47D.
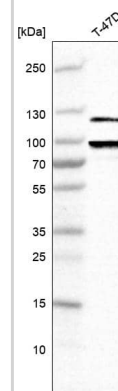
Staining of T47D cells using the Anti-Progesterone R B/NR3C3 monoclonal antibody) .

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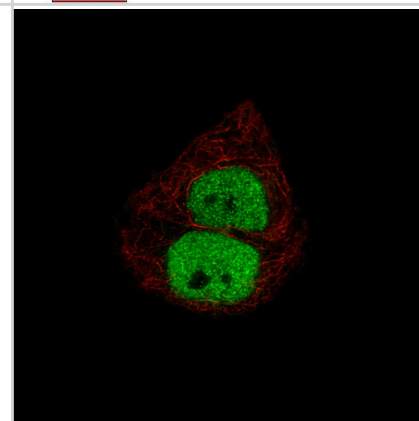
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Products Related to NBP3-44136

NBP2-33376H	Blue Marker Antibody (6F4-F6) [HRP]
HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB720-B	Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin]
NBP1-97005-0.5mg	Mouse IgG1 Isotype Control (MG1)

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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