

# Product Datasheet

## Progesterone R/NR3C3 Antibody NB110-4907

Unit Size: 0.05 mg

Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.

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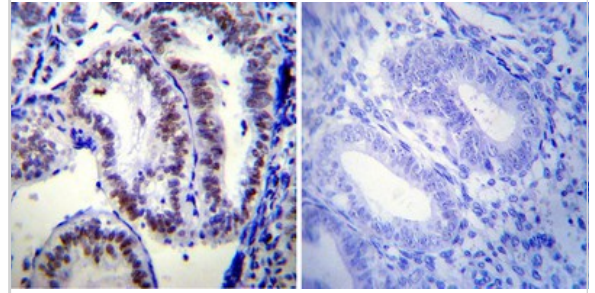
**NB110-4907**

Progesterone R/NR3C3 Antibody (PR-AT 4.14)

<b>Product Information</b>	
<b>Unit Size</b>	0.05 mg
<b>Concentration</b>	This product is unpurified. The exact concentration of antibody is not quantifiable.
<b>Storage</b>	Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.
<b>Clonality</b>	Monoclonal
<b>Clone</b>	PR-AT 4.14
<b>Preservative</b>	0.1% Sodium Azide
<b>Isotype</b>	IgG1
<b>Purity</b>	Ascites
<b>Buffer</b>	PBS
<b>Product Description</b>	
<b>Host</b>	Mouse
<b>Gene ID</b>	5241
<b>Gene Symbol</b>	PGR
<b>Species</b>	Human, Mouse, Rat, Bovine, Guinea Pig, Rabbit
<b>Species Reactivity</b>	Cross-reacts with Human, Rabbit, Rat, Mouse and Cow, Guinea Pig. May react with Non-human primate.
<b>Specificity/Sensitivity</b>	Detects progesterone receptor. This does not cross-react with androgen receptor, estrogen receptor or glucocorticoid receptor.
<b>Immunogen</b>	Synthetic peptide: (533)RPGEEAAVTAAPASAS(547). Immunizing peptide corresponds to amino acid residues 533-547 of the human progesterone receptor DNA binding domain.
<b>Product Application Details</b>	
<b>Applications</b>	Western Blot, Immunocytochemistry/Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Frozen, Immunohistochemistry-Paraffin, Immunoprecipitation
<b>Recommended Dilutions</b>	Immunocytochemistry/Immunofluorescence 1:50, Immunohistochemistry 1:10-1:500, Immunohistochemistry-Frozen 1:10-1:500, Immunohistochemistry-Paraffin 1:10-1:500, Immunoprecipitation 1:10-1:500, Western Blot 1:100-1:2000
<b>Application Notes</b>	Immunohistochemistry: use at a concentration of 5 ug/ml. Western Blot: use at a concentration of 5 ug/ml. Immunohistochemistry: Assay dependent. Not tested in other applications. Optimal dilutions / concentrations should be determined by the end user. By Western blot, this antibody detects a 94 kDa and a 120 kDa protein representing PRA and PRB, respectively from rat uterine homogenate. Immunohistochemical staining of PR in rat uterus with this antibody yields intense nuclear staining. ICC/IF use reported in the literature (PMID: 10786822)

## Images

Immunohistochemistry-Paraffin: Progesterone Receptor Antibody (PR-AT 4.14) [NB110-4907] - Both normal and cancer biopsies of deparaffinized Human uterus tissue tissues.





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### **Products Related to NB110-4907**

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NBP2-33376H	Blue Marker Antibody (6F4-F6) [HRP]
NB720-B	Rabbit anti-Mouse IgG Antibody [Biotin]
NBP1-97005	Mouse IgG1 Isotype Control
H00005241-Q01-10ug	Progesterone R/NR3C3 Partial Recombinant Protein

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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 guarantee, please visit [www.novusbio.com/guarantee](http://www.novusbio.com/guarantee).**

