

# Product Datasheet

## Progesterone R/NR3C3 [p Ser294] Antibody (608) - Azide Free NB200-320

Unit Size: 0.1 ml

Store at -20C. Avoid freeze-thaw cycles.

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### Publications: 2

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**NB200-320**

Progesterone R/NR3C3 [p Ser294] Antibody (608) - Azide Free

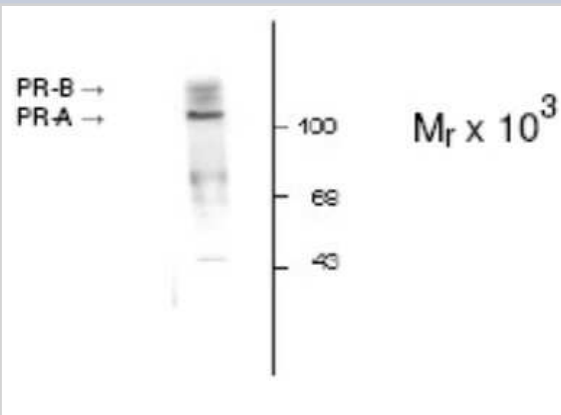
Product Information	
Unit Size	0.1 ml
Concentration	Please see the vial label for concentration. If unlisted please contact technical services.
Storage	Store at -20C. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	608
Preservative	No Preservative
Isotype	IgG1
Purity	Protein G purified
Buffer	10mM HEPES (pH 7.5), 0.15M NaCl, 0.1 mg/ml BSA and 50% Glycerol
Target Molecular Weight	90 kDa

Product Description	
Host	Mouse
Gene ID	5241
Gene Symbol	PGR
Species	Human
Specificity/Sensitivity	Specific for endogenous levels of the ~90 kDa Progesterone R/NR3C3-A isoform and the ~120 kDa Progesterone R/NR3C3-B isoform phosphorylated at Ser294. Immunolabeling is blocked by preadsorption with the phosphopeptide used as antigen, but not by the corresponding non-phosphopeptide.
Immunogen	Synthetic phospho-peptide corresponding to amino acid residues surrounding Ser294 conjugated to KLH. Accession # P06401

Product Application Details	
Applications	Western Blot, Immunohistochemistry, Immunohistochemistry-Frozen
Recommended Dilutions	Western Blot 1:1000, Immunohistochemistry 1:10-1:500, Immunohistochemistry-Frozen 1:1000
Application Notes	Recognizes a ~115 kDa doublet/triplet and also a 80 kDa single band in western blots.

**Images**

Western Blot: Progesterone Receptor [p Ser294] Antibody (608) [NB200-320] - Whole cell T47D lysate prepared from cells that had been incubated in the presence of the synthetic progestin agonist R5020 (500 nM) showing specific immunolabeling of the ~90k PR-A isoform and the ~120 PR-B isoform of the progesterone receptor phosphorylated at Ser294. The immunolabeling is blocked by the phosphopeptide used as the antigen (not shown).



## Publications

Cho G, Lim Y, Golden JA. SUMO interaction motifs in Sizn1 are required for promyelocytic leukemia protein nuclear body localization and for transcriptional activation. *J Biol Chem* 2009-07-17 [PMID: 19416967] (Human)

Perez M, Cuadros R, Benitez MJ, Jimenez JS. Interaction of Alzheimer's disease amyloid beta peptide fragment 25-35 with tau protein, and with a tau peptide containing the microtubule binding domain. *J Alzheimers Dis* 2004-10-01 [PMID: 15505366] (Human)





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### **Products Related to NB200-320**

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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)
H00005241-Q01-10ug	Recombinant Human Progesterone R/NR3C3 GST (N-Term) 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.

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