

Product Datasheet

Progesterone R/NR3C3 Antibody (PR484) - Azide and BSA Free

NBP2-33325-0.1mg

Unit Size: 0.1 mg

Store at -20 to -80C. Avoid freeze-thaw cycles.

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Progesterone R/NR3C3 Antibody (PR484) - Azide and BSA Free

Product Information

Unit Size	0.1 mg
Concentration	1.0 mg/ml
Storage	Store at -20 to -80C. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	PR484
Preservative	No Preservative
Isotype	IgG1 Kappa
Purity	Protein A or G purified
Buffer	10 mM PBS

Product Description

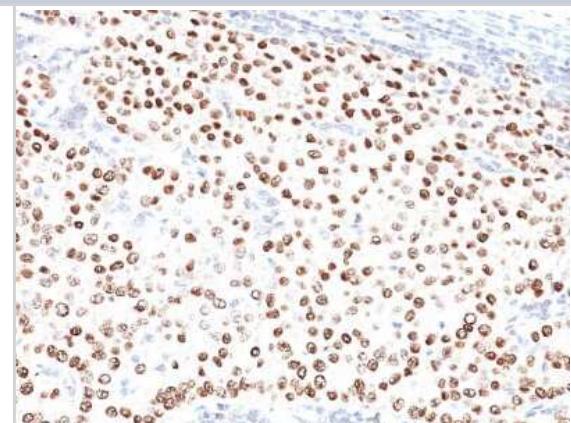
Description	1.0 mg/ml of antibody purified from Bioreactor Concentrate by Protein A/G. Prepared in 10mM PBS WITHOUT BSA & azide. Also available at 200 ug/ml WITH BSA & azide (NBP2-33324). Antibody with azide - store at 2 to 8C. Antibody without azide - store at -20 to -80 C.
Host	Mouse
Gene ID	5241
Gene Symbol	PGR
Species	Human
Marker	Marker of Progestin Dependence
Specificity/Sensitivity	This monoclonal antibody is specific to progesterone receptor and shows minimal cross-reaction with other members of the family. Progesterone receptor is expressed as two major isoforms, PR-A (81kDa) and PR-B (116kDa). Expression of PgR has been suggested to reflect a intact estrogen regulatory machinery and therefore, predict better clinical response to endocrine therapy than ER alone. It is excellent for immunohistochemical staining of formalin/paraffin tissues.
Immunogen	Recombinant full-length human Progesterone R/NR3C3 protein (PGR) (Uniprot: P06401)

Product Application Details

Applications	Simple Western, Immunohistochemistry, Immunohistochemistry-Paraffin, CyTOF-ready
Recommended Dilutions	Simple Western, Immunohistochemistry, Immunohistochemistry-Paraffin 0.5-1.0ug/ml, CyTOF-ready
Application Notes	Immunohistochemistry (Formalin-fixed): 1-2ug/ml for 30 minutes at RT. Staining of formalin-fixed tissues requires heating tissue sections in 10mM Tris with 1mM EDTA, pH 9.0, for 45 min at 95C followed by cooling at RT for 20 minutes. Optimal dilution for a specific application should be determined. In Simple Western only 10 - 15 ul of the recommended dilution is used per data point. Separated by Size.

Images

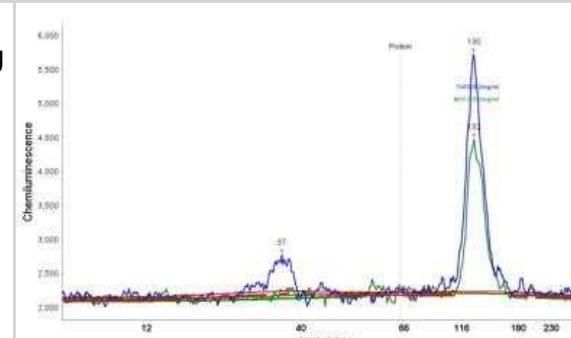
Immunohistochemistry-Paraffin: Progesterone R/NR3C3 Antibody (PR484) - Azide and BSA Free [NBP2-33325] - Formalin-fixed, paraffin-embedded human breast carcinoma stained with Progesterone R/NR3C3 Mouse Monoclonal Antibody (PR484).



Simple Western: Progesterone R/NR3C3 Antibody (PR484) - Azide and BSA Free [NBP2-33325] - Simple Western lane view shows a specific band for Progesterone R/NR3C3 in 0.2 mg/ml of T47d (left) and MCF-7 (right) lysate(s). This experiment was performed under reducing conditions using the 12-230 kDa separation system.



Simple Western: Progesterone R/NR3C3 Antibody (PR484) - Azide and BSA Free [NBP2-33325] - Electropherogram image of the corresponding Simple Western lane. Progesterone R/NR3C3 antibody was used at 10 μ g/ml dilution of T47d and MCF-7 lysates(s) respectively.





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Products Related to NBP2-33325-0.1mg

HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB720-B	Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin]
NBP1-43319-0.5mg	Mouse IgG1 Kappa Isotype Control (P3.6.2.8.1)
H00005241-Q01-10ug	Recombinant Human Progesterone R/NR3C3 GST (N-Term) Protein

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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