

Anti-Progesterone Receptor Antibody [PGR/6854R] - BSA and Azide free (A278632)

Specifications:

Name:	Anti-Progesterone Receptor Antibody [PGR/6854R] - BSA and Azide free
Description:	Recombinant rabbit monoclonal [PGR/6854R] antibody to Progesterone Receptor.
Specificity:	Progesterone is one of the central regulators of female reproduction. In breast development, progesterone is involved in the formation of lobular-alveolar structures and also affects differentiation in the breast by modulation of milk protein synthesis. The cellular effects of progesterone are mediated through progesterone receptors (PR). PR, a protein with 946 amino acids, is a ligand-activated transcription factor member of the steroid receptor super family of nuclear receptors. PR is predominantly expressed in female sex steroid responsive tissues such as the mammary gland, uterus and ovary but is also found in other tissues such as endocrine cells of the Langerhans's islets. The estrogen receptor (ER) and PR status has been used for over 20 years as a predictor of breast carcinoma responsiveness to endocrine therapy and as a prognostic indicator for early recurrence.
Applications:	IHC-P
Recommended Dilutions:	IHC-P: 1-2 µg/ml
Reactivity:	Human
Immunogen:	Recombinant fragment, around amino acids 400-600, of human Progesterone Receptor. The exact sequence is proprietary.
Host:	Rabbit
Clonality:	Monoclonal
Clone ID:	PGR/6854R
Isotype:	IgG
Light Chains:	kappa
Conjugate:	Unconjugated
Purification:	Protein A/G chromatography.
Concentration:	1 mg/ml
Product Form:	Liquid
Formulation:	Supplied in 10mM Phosphate Buffered Saline; without Sodium Azide and carrier free.
Storage:	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.

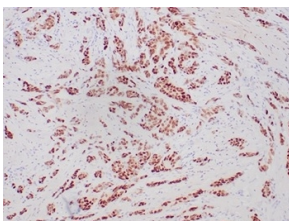
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Specifications continued:

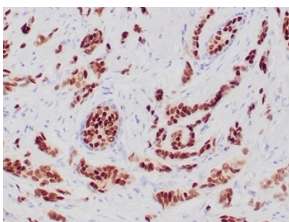
General Notes: This monoclonal antibody is also available in a different formulation with BSA and Sodium Azide - Anti-Progesterone Receptor Antibody [PGR/6854R] (A278044).

Disclaimer: This product is for research use only. It is not intended for diagnostic or therapeutic use.

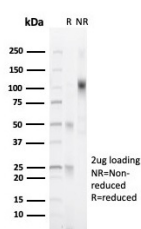
Images:



Immunohistochemical analysis of formalin-fixed, paraffin-embedded human breast carcinoma tissue using Anti-Progesterone Receptor Antibody [PGR/6854R].



Immunohistochemical analysis of formalin-fixed, paraffin-embedded human breast carcinoma tissue using Anti-Progesterone Receptor Antibody [PGR/6854R].



SDS-PAGE analysis of Anti-Progesterone Receptor Antibody [PGR/6854R] under non-reduced and reduced conditions; showing intact IgG and intact heavy and light chains, respectively. SDS-PAGE analysis confirms the integrity and purity of the antibody.