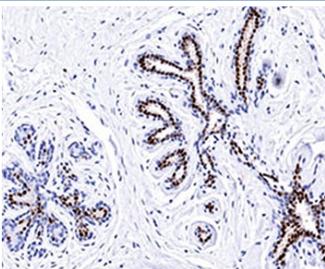


Progesterone Receptor Antibody [clone PR501] (V2226)

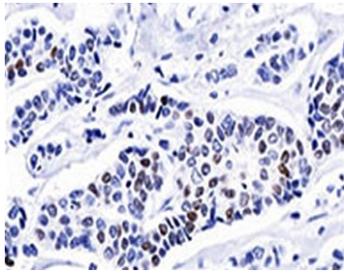
Catalog No.	Formulation	Size
V2226-100UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced) and 0.05% sodium azide	100 ug
V2226-20UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced) and 0.05% sodium azide	20 ug
V2226SAF-100UG	1 mg/ml in 1X PBS; BSA free, sodium azide free	100 ug

[Bulk quote request](#)

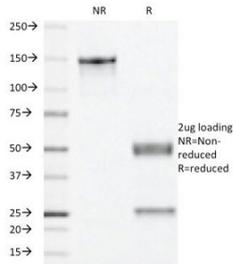
Species Reactivity	Human
Format	Purified
Host	Mouse
Clonality	Monoclonal (mouse origin)
Isotype	Mouse IgG1, kappa
Clone Name	PR501
Purity	Protein G affinity chromatography
Buffer	1X PBS, pH 7.4
Gene ID	5241
Localization	Nuclear, cytoplasmic
Applications	Western Blot : 0.5-1ug/ml for 2 hr at RT Immunohistochemistry (FFPE) : 0.5-1ug/ml
Limitations	This Progesterone receptor antibody is available for research use only.



IHC testing of normal human breast stained with Progesterone receptor antibody (PR501).



IHC testing of invasive ductal carcinoma stained with progesterone receptor antibody (PR501).



SDS-PAGE Analysis of Purified, BSA-Free Progesterone Receptor Antibody (clone PR501). Confirmation of Integrity and Purity of the Antibody.

Description

This 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 progesterone receptor has been suggested to reflect an intact estrogen regulatory machinery and therefore predict better clinical response to endocrine therapy than ER alone.

Application Notes

The concentration stated for each application is a general starting point. Variations in protocols, secondaries and substrates may require the antibody to be titrated up or down for optimal performance.

1. Staining of formalin-fixed tissues requires boiling tissue sections in 10mM citrate buffer, pH 6.0, for 10-20 min followed by cooling at RT for 20 minutes.

Immunogen

Recombinant human Progesterone Receptor protein was used as the immunogen for this antibody.

Storage

Store the Progesterone receptor antibody at 2-8°C (with azide) or aliquot and store at -20°C or colder (without azide).

Alternate Names

NR3C3, Nuclear receptor subfamily 3 group C member 3, PGR, PR, PRA, PRB, Progesterone receptor form A, Progesterone receptor form B, Progesterone receptor antibody

References (2)

