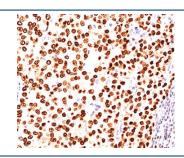


# Progesterone Receptor Antibody [clone PR484] (V2224)

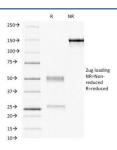
Catalog No.	Formulation	Size
V2224-100UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced) and 0.05% sodium azide	100 ug
V2224-20UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced) and 0.05% sodium azide	20 ug
V2224SAF-100UG	1 mg/ml in 1X PBS; BSA free, sodium azide free	100 ug
V2224IHC-7ML	Prediluted in 1X PBS with 0.1 mg/ml BSA (US sourced) and 0.05% sodium azide; *For IHC use only*	7 ml

## **Bulk quote request**

Species Reactivity	Human
Format	Purified
Clonality	Monoclonal (mouse origin)
Isotype	Mouse IgG1, kappa
Clone Name	PR484
Purity	Protein G affinity chromatography
Buffer	1X PBS, pH 7.4
Gene ID	5241
Localization	Nuclear, cytoplasmic
Applications	Immunohistochemistry (FFPE) : 1-2ug/ml for 30 min at RT
Limitations	This <b>Progesterone Receptor antibody</b> is available for research use only.



IHC testing of FFPE human breast carcinoma stained with Progesterone Receptor antibody (clone PR484).



SDS-PAGE Analysis of Purified, BSA-Free Progesterone Receptor Antibody (clone PR484). 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 a intact estrogen regulatory machinery and therefore predict better clinical response to endocrine therapy than ER alone. This progesterone receptor antibody is excellent for immunohistochemical staining of formalin/paraffin tissues.

## **Application Notes**

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

- 1. Staining of formalin-fixed tissues requires boiling tissue sections in pH 9 10mM Tris with 1mM EDTA for 10-20 min followed by cooling at RT for 20 minutes.
- 2. The prediluted format is supplied in a dropper bottle and is optimized for use in IHC. After epitope retrieval step (if required), drip mAb solution onto the tissue section and incubate at RT for 30 min.

#### **Immunogen**

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

#### **Storage**

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

#### Alternate Names

NR3C3, Nuclear receptr subfamily 3 group C member 3, PGR, PR, PRA, PRB, Progesterone receptor antibody

References (2)