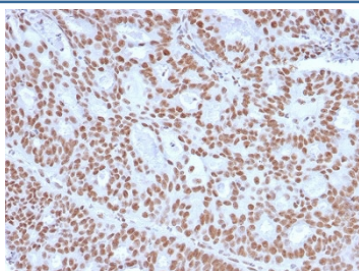


## Progesterone Receptor Antibody [clone PGR/2694] (V7319)

Catalog No.	Formulation	Size
V7319-100UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced) and 0.05% sodium azide	100 ug
V7319-20UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced) and 0.05% sodium azide	20 ug
V7319SAF-100UG	1 mg/ml in 1X PBS; BSA free, sodium azide free	100 ug
V7319IHC-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](#)

<b>Availability</b>	1-3 business days
<b>Species Reactivity</b>	Human
<b>Format</b>	Purified
<b>Clonality</b>	Monoclonal (mouse origin)
<b>Isotype</b>	Mouse IgG2b, kappa
<b>Clone Name</b>	PGR/2694
<b>Purity</b>	Protein G affinity chromatography
<b>UniProt</b>	P06401
<b>Localization</b>	Nuclear, cytoplasmic
<b>Applications</b>	Immunohistochemistry (FFPE) : 1-2ug/ml for 30 min at RT
<b>Limitations</b>	This Progesterone Receptor antibody is available for research use only.

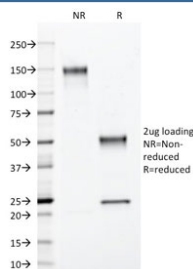


IHC staining of FFPE human endometrial carcinoma with Progesterone Receptor antibody (clone PGR/2694). HIER: boil tissue sections in pH6, 10mM citrate buffer, for 10-20 min and allow to cool before testing.

#### Human Protein Microarray Specificity Validation



Analysis of HuProt(TM) microarray containing more than 19,000 full-length human proteins using Progesterone Receptor antibody (clone PGR/2694). These results demonstrate the foremost specificity of the PGR/2694 mAb. **Z- and S- score:** The Z-score represents the strength of a signal that an antibody (in combination with a fluorescently-tagged anti-IgG secondary Ab) produces when binding to a particular protein on the HuProt(TM) array. Z-scores are described in units of standard deviations (SD) above the mean value of all signals generated on that array. If the targets on the HuProt(TM) are arranged in descending order of the Z-score, the S-score is the difference (also in units of SD) between the Z-scores. The S-score therefore represents the relative target specificity of an Ab to its intended target.



SDS-PAGE analysis of purified, BSA-free Progesterone Receptor antibody (clone PGR/2694) as confirmation of integrity and purity.

## Description

This MAb 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 estrogen receptor (ER) alone. This MAb is excellent for immunohistochemical staining of formalin-fixed tissues.

## Application Notes

The optimal dilution of the Progesterone Receptor antibody for each application should be determined by the researcher.

1. 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

A portion of amino acids 483-571 from the human protein was used as the immunogen for this Progesterone Receptor antibody.

## Storage

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