

# Datasheet



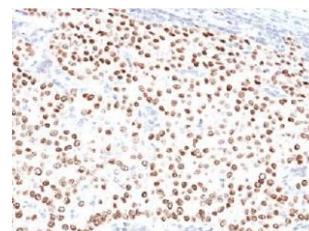
Mouse mAb to **Progesterone Receptor**  
Clone **PR-81**  
Isotype **IgG1-κ**

## Source

A BALB/c mouse was immunized with recombinant human progesterone receptor protein.

## Specifications

PR-81 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 an intact estrogen regulatory machinery and therefore, predict better clinical response to endocrine therapy than ER alone.



**Figure 1:** Human breast cancer stained with PR-81 (paraffin)

## Species reactivity

Positive: human.

## Applications

PR-81 is excellent for staining of formalin-fixed, paraffin-embedded breast carcinomas.

Frozen sections	Paraffin sections
+	Citrate

## Format

Produced in tissue culture, contains no host Ig. Antibodies are affinity purified and presented in PBS with 0,02 % sodium azide.

Stored at 4°C- 8°C, shelf life is at least 24 months after purchase.

## Dilution advice

- Immunohistology (formalin-fixed: 2-4 µg/ml for 30 min at RT; 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).

## Positive control

PR positive breast cancer, T47-D cells.

## References

- Press, M. et al. *Steroids* **67(9)**: 799-813 (2002).
- Mote P. et al. *J.Clin. Pathol.* **54**: 624-630 (2001).