

## Progesterone Receptor clone ZR4

### Instructions for Use

#### Specification:

The progesterone receptor (PgR) is an estrogen regulated protein. It has been proposed that expression of PgR determination indicates a responsive estrogen receptor (ER) pathway, and therefore, may predict likely response to endocrine therapy in human breast cancer. A number of studies have shown that PgR determination provides supplementary information to ER, both in predicting response to endocrine therapy and estimating survival. PgR has proved superior to ER as a prognostic indicator in some studies.

#### Availability:

Catalog No.	Contents	Volume
ILM0222-C01	Progesterone Receptor	0,1 ml concentrate
ILM0222-C05	Progesterone Receptor	0,5 ml concentrate
ILM0222-C1	Progesterone Receptor	1,0 ml concentrate

**Intended use:** For Research Use Only

**Reactivity:** Human

**Clone:** ZR4

**Species of origin:** Rabbit

**Isotype:** IgG

**Control Tissue:** Breast, breast ductal carcinoma

**Staining:** Nuclear

**Immunogen:** Recombinant protein encoding human progesterone receptor 412-526 aa

**Presentation:** Tissue culture supernatant with 0.2% BSA and 15mM sodium azide

#### Application and suggested dilutions:

Pretreatment: Heat induced epitope retrieval in 10 mM citrate buffer, pH6.0 for 20 minutes is required for IHC staining on formalin-fixed, paraffin embedded tissue sections.

- Immunohistochemical staining of formalin-fixed, paraffin embedded tissue section (dilution 1:200-1:400)

The optimal dilution for a specific application should be determined by the investigator.

**Note:** Dilution of the antibody in 10% normal goat serum followed by a goat anti-rabbit secondary antibody-based detection is recommended.

**Storage & Stability:** Store at 2-8 °C. Do not use after expiration date printed on the vial.

