



Mouse Anti-Human Progesteron Receptor, CatNo **K054**
monoclonal

BatchNo: See Label
Expiration Date: See Label
Storage: 2-8°C for 1 month
-20°C for longer

Background:	Steroid hormone receptors are of great importance for the diagnosis and therapy of breast cancer. The expression of estrogen or progesterone receptors in tumor tissue is a prerequisite for a patient's response to anti-hormone therapy.
Clone Number:	1A6
Volume/Quantity:	0.5 ml
Product Form:	Culture Supernatant - liquid
Preservatives Stabilisers:	15 mM Sodium Azide (NaN ₃)
Immunogen:	Synthetic peptide corresponding to a site of predicted high antigenicity on the human progesterone receptor.
Isotype:	IgG1 (Mouse)
Specificity:	K054 is recommended for determining the progesterone receptor alpha status of breast cancer tissue.

Applications:	Suggested Working Dilution	
FlowCytometry	Not tested	
Immunohistology-frozen	Not tested	
Immunohistology-paraffin	Yes	1/40
Immunohistology-resin	Not tested	
ELISA	Not tested	
Immunoprecipitation	Not tested	
Western Blotting	Yes	1/25 – 1/50
Radioimmunoassay	Not tested	

Where this antibody has not been tested for use in a particular technique this does not necessarily exclude its use in such procedures. Suggested working dilutions are given as a guide only. It is recommended that the user titrates the antibody for use in their own system using appropriate negative/positive controls.

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Immunohistology

Positive Control Tissue: Breast Cancer
Recommended Secondary Reagents: F(ab')₂ rabbit anti-mouse IgG HRP conjugate – (LINARIS CatNo LST0013B) Vectastain[®] ABC Mouse IgG (Vector CatNo AK-5002) and Substrate-Kit e.g. Vector[®] Red (Vector CatNo SK-5100).
Vectastain[®] ABC-Elite Mouse IgG (Vector CatNo PK-6102) and Peroxidase Substrate-Kit e.g. DAB (LINARIS CatNo E108) or HistoGreen (LINARIS CatNo E109).
Recommended Negative Controls: Mouse IgG1 Negative Control (LINARIS CatNo ITC0928)

Storage Conditions: Store at 2-8°C for one month or at -20°C for longer!
Avoid repeated freezing and thawing as this may denature the antibody. Should this product contain a precipitate we recommend microcentrifugation before use.
Shelf Life: 12 months from date of despatch.
Health and Safety Information: (A full Health and Safety assessment is available upon request)
This product contains sodium azide: a POISONOUS and HAZARDOUS SUBSTANCE which should be handled by trained staff only.

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For Research purposes only. Not for therapeutic or diagnostic use.

