

Datasheet: VMA00390

BATCH NUMBER 171705

Description:	MOUSE ANTI PROGESTERONE RECEPTOR
Specificity:	PROGESTERONE RECEPTOR
Format:	Purified
Product Type:	PrecisionAb Monoclonal
Clone:	UMAB137
Isotype:	IgG2a
Quantity:	100 µl

Product Details

Applications

This product has been reported to work in the following applications. This information is derived from testing within our laboratories, peer-reviewed publications or personal communications from the originators. Please refer to references indicated for further information. For general protocol recommendations, please visit www.bio-rad-antibodies.com/protocols.

	Yes	No	Not Determined	Suggested Dilution
Western Blotting	▪			1/1000

The PrecisionAb label is reserved for antibodies that meet the defined performance criteria within Bio-Rad's ongoing antibody validation programme. Learn about [how we validate our PrecisionAb range](#). Where this product has not been tested for use in a particular technique this does not necessarily exclude its use in such procedures. Further optimization may be required dependent on sample type.

Target Species	Human
Product Form	Purified IgG - liquid
Preparation	Mouse monoclonal antibody purified by affinity chromatography from tissue culture supernatant
Buffer Solution	Phosphate buffered saline.
Preservative	0.09% Sodium Azide (NaN ₃)
Stabilisers	1% Bovine Serum Albumin 25% Glycerol
Approx. Protein Concentrations	IgG concentration 0.5 mg/ml.

Immunogen	Recombinant protein fragment corresponding to aa 1-298 of human progesterone receptor (NP_000917) produced in <i>E.coli</i>
External Database Links	<p>UniProt: P06401 Related reagents</p> <p>Entrez Gene: 5241 PGR Related reagents</p>
Synonyms	NR3C3
Specificity	<p>Mouse anti Human progesterone receptor antibody, clone UMAB137 recognizes the progesterone receptor, also known as PGR and nuclear receptor subfamily 3 group C member 3.</p> <p>Encoded by the PGR gene, the progesterone receptor is a member of the steroid receptor superfamily. This protein mediates the physiological effects of progesterone, which plays a central role in reproductive events associated with the establishment and maintenance of pregnancy. PGR uses two distinct promoters and translation start sites in the first exon to produce two isoforms, A and B. The two isoforms are identical except for the additional 165 amino acids found in the N-terminus of isoform B and mediate their own response genes and physiologic effects with little overlap (provided by RefSeq, Jan 2011).</p> <p>Mouse anti Human progesterone receptor antibody detects bands of 90 and 118 kDa. The antibody has been extensively validated for western blotting using whole cell lysates.</p>
Western Blotting	Anti progesterone receptor detects bands of approximately 90 and 118 kDa in MCF7 cell lysates.
Storage	This product is shipped at ambient temperature. Store undiluted at -20°C, avoiding repeated freeze thaw cycles.
Guarantee	12 months from date of despatch.
Acknowledgements	PrecisionAb is a trademark of Bio-Rad Laboratories.
Health And Safety Information	Material Safety Datasheet documentation #10048 available at: https://www.bio-rad-antibodies.com/SDS/VMA00390
Regulatory	For research purposes only.

Related Products

Recommended Secondary Antibodies

Goat Anti Mouse IgG (H/L) (STAR207...) [HRP](#)

Recommended Negative Controls

[MOUSE IgG2a NEGATIVE CONTROL \(MCA929\)](#)

Product inquiries: www.bio-rad-antibodies.com/technical-support

To find a batch/lot specific datasheet for this product, please use our online search tool at: bio-rad-antibodies.com/datasheets
'M445881:250925'

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