

Datasheet: 7720-0000

BATCH NUMBER 157702

Description:	MOUSE ANTI PROGESTERONE
Specificity:	PROGESTERONE
Format:	Purified
Product Type:	Monoclonal Antibody
Clone:	1188/344
Isotype:	IgG2b
Quantity:	0.2 mg

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
ELISA	▪			1/5,000 - 1/15,000

Where this product 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 product for use in their own system using the appropriate negative/positive controls.

Target Species	Broad
Product Form	Purified IgG - liquid
Preparation	Purified IgG prepared by affinity chromatography on Protein G
Buffer Solution	Phosphate buffered saline
Preservative Stabilisers	0.09% Sodium Azide (NaN ₃)
Carrier Free	Yes
Approx. Protein Concentrations	IgG concentration 1.0 mg/ml
Immunogen	Progesterone conjugated to bovine serum albumin.

Specificity	<p>Mouse anti progesterone monoclonal antibody, clone 1188/344 is specific for progesterone, a steroid hormone synthesized from the cholesterol derivative, pregnenolone, in the cortex of the adrenal gland.</p> <p>Progesterone is secreted by the <i>corpus luteum</i> and acts to prepare the endometrium for the implantation of a fertilized egg. During pregnancy, it is secreted by the placenta in order to prevent spontaneous abortion and to stimulate the development of mammary tissue to produce milk. Progesterone is available as a pharmaceutical that can be used to treat menstrual disorders and for the prevention of miscarriage.</p> <p>Mouse anti progesterone exhibited the following cross-reactivities in ELISA:</p> <table> <tr> <td>Progesterone-3-BSA</td> <td>100%</td> </tr> <tr> <td>Progesterone-11-BSA</td> <td>50%</td> </tr> <tr> <td>11-beta-OH-Progesterone</td> <td>6%</td> </tr> <tr> <td>17-alpha-OH-Progesterone</td> <td>3%</td> </tr> <tr> <td>17-alpha-OH-Pregnenolone</td> <td>2%</td> </tr> </table>	Progesterone-3-BSA	100%	Progesterone-11-BSA	50%	11-beta-OH-Progesterone	6%	17-alpha-OH-Progesterone	3%	17-alpha-OH-Pregnenolone	2%
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References	<p>1. Besselink, G.A. <i>et al.</i> (2004) Signal amplification on planar and gel-type sensor surfaces in surface plasmon resonance-based detection of prostate-specific antigen. Anal Biochem. 333: 165-73.</p>										
Storage	<p>Store at +4°C or at -20°C if preferred.</p> <p>Storage in frost-free freezers is not recommended.</p> <p>This product should be stored undiluted. Avoid repeated freezing and thawing as this may denature the antibody. Should this product contain a precipitate we recommend microcentrifugation before use.</p>										
Guarantee	12 months from date of despatch										
Health And Safety Information	<p>Material Safety Datasheet documentation #10040 available at: https://www.bio-rad-antibodies.com/SDS/7720-0000</p> <p>10040</p>										
Regulatory	For research purposes only										

Related Products

Recommended Secondary Antibodies

Rabbit Anti Mouse IgG (STAR12...)	RPE
Goat Anti Mouse IgG IgA IgM (STAR87...)	HRP
Goat Anti Mouse IgG (STAR76...)	RPE
Rabbit Anti Mouse IgG (STAR13...)	HRP
Goat Anti Mouse IgG (STAR70...)	FITC

Goat Anti Mouse IgG (H/L) (STAR117...) [Alk. Phos.](#), [DyLight®488](#), [DyLight®550](#),
[DyLight®650](#), [DyLight®680](#), [DyLight®800](#),
[FITC](#), [HRP](#)

Rabbit Anti Mouse IgG (STAR9...) [FITC](#)

Goat Anti Mouse IgG (STAR77...) [HRP](#)

Goat Anti Mouse IgG (Fc) (STAR120...) [FITC](#), [HRP](#)

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To find a batch/lot specific datasheet for this product, please use our online search tool at: bio-rad-antibodies.com/datasheets
'M363429:200528'

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