

Datasheet: 7720-0000

BATCH NUMBER 160958

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 A from tissue culture supernatant
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.

RRID	AB_619196										
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%
Progesterone-3-BSA	100%										
Progesterone-11-BSA	50%										
11-beta-OH-Progesterone	6%										
17-alpha-OH-Progesterone	3%										
17-alpha-OH-Pregnenolone	2%										
References	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.										
Storage	<p>This product is shipped at ambient temperature. It is recommended to aliquot and store at -20°C on receipt. When thawed, aliquot the sample as needed. Keep aliquots at 2-8°C for short term use (up to 4 weeks) and store the remaining aliquots at -20°C.</p> <p>Avoid repeated freezing and thawing as this may denature the antibody. Storage in frost-free freezers is not recommended.</p>										
Guarantee	12 months from date of despatch										
Health And Safety Information	Material Safety Datasheet documentation #10040 available at: https://www.bio-rad-antibodies.com/SDS/7720-0000 10040										
Regulatory	For research purposes only										

Related Products

Recommended Secondary Antibodies

Goat Anti Mouse IgG (STAR77...)	HRP
Rabbit Anti Mouse IgG (STAR12...)	RPE
Rabbit Anti Mouse IgG (STAR8...)	DyLight@800
Goat Anti Mouse IgG (STAR76...)	RPE

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

Goat Anti Mouse IgG (STAR70...) [FITC](#)

Goat Anti Mouse IgG IgA IgM (STAR87...) [Alk. Phos.](#), [HRP](#)

Rabbit Anti Mouse IgG (STAR13...) [HRP](#)

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

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

North & South America Tel: +1 800 265 7376
Fax: +1 919 878 3751

Email: antibody_sales_us@bio-rad.com

Worldwide

Tel: +44 (0)1865 852 700

Fax: +44 (0)1865 852 739

Email: antibody_sales_uk@bio-rad.com

Europe

Tel: +49 (0) 89 8090 95 21

Fax: +49 (0) 89 8090 95 50

Email: antibody_sales_de@bio-rad.com

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

'M394030:220202'

Printed on 18 Jan 2024

© 2024 Bio-Rad Laboratories Inc | [Legal](#) | [Imprint](#)