

Datasheet: 7720-0000

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

Product Details

RRID AB_619196

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 (NaN₃)

Carrier Free Yes

Approx. Protein Concentrations IgG concentration 1.0 mg/ml

Immunogen Progesterone conjugated to bovine serum albumin.

Specificity **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.

Progesterone is secreted by the *corpus luteum* 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.

Mouse anti progesterone exhibited the following cross-reactivities in ELISA:

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. *et al.* (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

Store at +4°C or at -20°C if preferred.
Storage in frost-free freezers is not recommended.
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.

Guarantee

18 months from date of despatch.

Health And Safety Information

Material Safety Datasheet documentation #10040 available at:
10040: <https://www.bio-rad-antibodies.com/uploads/MSDS/10040.pdf>

Regulatory

For research purposes only

Related Products

Recommended Secondary Antibodies

Goat Anti Mouse IgG IgA IgM (STAR87...)	Alk. Phos. , HRP
Goat Anti Mouse IgG (STAR77...)	HRP
Rabbit Anti Mouse IgG (STAR12...)	RPE
Rabbit Anti Mouse IgG (STAR8...)	DyLight®800
Rabbit Anti Mouse IgG (STAR13...)	HRP
Goat Anti Mouse IgG (STAR76...)	RPE
Goat Anti Mouse IgG (STAR70...)	FITC
Goat Anti Mouse IgG (Fc) (STAR120...)	FITC , HRP
Rabbit Anti Mouse IgG (STAR9...)	FITC
Human Anti Mouse IgG2b (HCA038...)	FITC
Goat Anti Mouse IgG (H/L) (STAR117...)	Alk. Phos. , DyLight®488 , DyLight®680 , DyLight®800 , FITC , HRP

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