

Datasheet: 8680-1756

BATCH NUMBER 164662

Description:	MOUSE ANTI TESTOSTERONE
Specificity:	TESTOSTERONE
Format:	Purified
Product Type:	Monoclonal Antibody
Clone:	4E1G2
Isotype:	IgG1
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	▪			

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	1.0 mg/ml
Immunogen	Testosterone conjugated to bovine serum albumin.

RRID	AB_619270												
Specificity	<p>Mouse anti Testosterone (4E1G2) recognizes Testosterone, which promotes the development and maintenance of male secondary sex characteristics and is produced primarily in the testes. It is also produced in small amounts by the adrenal glands, ovaries and placenta. Synthetic derivatives of testosterone are used therapeutically in the treatment of breast cancer and for hormone replacement therapy.</p> <p>The following cross reactivities have been observed:</p> <table> <tr> <td>Testosterone</td> <td>100%</td> </tr> <tr> <td>11-beta-hydroxy testosterone</td> <td>3.3%</td> </tr> <tr> <td>17-alpha-methyl testosterone</td> <td><0.1%</td> </tr> <tr> <td>5-alpha DHT</td> <td>0.8%</td> </tr> <tr> <td>Oestradiol</td> <td><0.1%</td> </tr> <tr> <td>Progesterone</td> <td><0.1%</td> </tr> </table>	Testosterone	100%	11-beta-hydroxy testosterone	3.3%	17-alpha-methyl testosterone	<0.1%	5-alpha DHT	0.8%	Oestradiol	<0.1%	Progesterone	<0.1%
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11-beta-hydroxy testosterone	3.3%												
17-alpha-methyl testosterone	<0.1%												
5-alpha DHT	0.8%												
Oestradiol	<0.1%												
Progesterone	<0.1%												
Affinity	2.3 x 10 ¹⁰ L/mole												
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: 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 (STAR77...)	HRP
Rabbit Anti Mouse IgG (STAR12...)	RPE
Goat Anti Mouse IgG (STAR70...)	FITC
Goat Anti Mouse IgG IgA IgM (STAR87...)	Alk. Phos. , HRP
Rabbit Anti Mouse IgG (STAR9...)	FITC
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
Rabbit Anti Mouse IgG (STAR13...)	HRP

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

North & South Tel: +1 800 265 7376

America 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

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