

Datasheet: 7010-2006

Description:	MOUSE ANTI 17-BETA-ESTRADIOL
Specificity:	17-BETA-ESTRADIOL
Other names:	E2, OESTRADIOL
Format:	Purified
Product Type:	Monoclonal Antibody
Clone:	4S24 (BGN/06/8824)
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	▪			1/5,000 - 1/50,000

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	1.0 mg/ml

Immunogen	17-beta estradiol conjugated to bovine serum albumin at position 6.								
RRID	AB_619007								
Specificity	<p>Mouse anti 17-beta-Estradiol antibody, clone 4S24 (BGN/06/8824) recognizes 17-beta estradiol, a mammalian estrogenic hormone, produced in the ovaries, placenta and testis that has a role in normal sexual development and the regulation of the menstrual cycle.</p> <p>The following cross reactivities have been observed:</p> <table> <tr> <td>17-beta Estradiol</td> <td>100%</td> </tr> <tr> <td>17-beta Estradiol-BSA</td> <td>90%</td> </tr> <tr> <td>Estriol</td> <td><0.9%</td> </tr> <tr> <td>Testosterone</td> <td><0.01%</td> </tr> </table>	17-beta Estradiol	100%	17-beta Estradiol-BSA	90%	Estriol	<0.9%	Testosterone	<0.01%
17-beta Estradiol	100%								
17-beta Estradiol-BSA	90%								
Estriol	<0.9%								
Testosterone	<0.01%								
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	<p>Material Safety Datasheet documentation #10040 available at: https://www.bio-rad-antibodies.com/SDS/7010-2006</p> <p>10040</p>								
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 America Tel: +1 800 265 7376
Fax: +1 919 878 3751

Worldwide Tel: +44 (0)1865 852 700
Fax: +44 (0)1865 852 739

Europe Tel: +49 (0) 89 8090 95 21
Fax: +49 (0) 89 8090 95 50

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

'M405295:220916'

Printed on 12 Aug 2023
