

Datasheet: OBT1823

Description:	MOUSE ANTI HUMAN ESTRADIOL (6-BSA)
Specificity:	ESTRADIOL
Format:	Ascites
Product Type:	Monoclonal Antibody
Clone:	6E1
Isotype:	IgG1
Quantity:	0.5 ml

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 appropriate negative/positive controls.

Target Species	Human
Product Form	Ascites - liquid
Preservative Stabilisers	None present
Immunogen	Estradiol-6-BSA.

Specificity

Mouse anti Estradiol antibody, clone 6E1 recognizes estradiol, a reproductive hormone and the most potent naturally occurring estrogen. The antibody cross-reactivity was tested against a selection of non-estrogenic steroids and was found to be extremely low. The cross reactivity with a number of estrogenic steroids can be seen in the table below.

Estradiol	100%
6-Alpha-Hydroxyestradiol	45%
16-Oxo-estradiol	5%
Estrone	0.04%
Estriol	1%

References

1. Fantl, V.E. & Wang, D.Y. (1984) Simultaneous production of monoclonal antibodies to dehydroepiandrosterone, oestradiol, progesterone and testosterone. [J Endocrinol. 100 \(3\):](#)

[367-76.](#)

Storage	Store at -20°C only. 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.
Shelf Life	18 months from date of despatch.
Health And Safety Information	Material Safety Datasheet Documentation #10194 available at: https://www.bio-rad-antibodies.com/uploads/MSDS/10194.pdf
Regulatory	For research purposes only

Related Products

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
----------------------------------	---	------------------	---	---------------	---

'M286170:160429'

Printed on 27 May 2017

© 2017 Bio-Rad Laboratories Inc | [Legal](#) | [Imprint](#)