

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.
RRID	AB_617263

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%
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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.
Guarantee	12 months from date of despatch
Health And Safety Information	Material Safety Datasheet documentation #10194 available at: 10194: https://www.bio-rad-antibodies.com/uploads/MSDS/10194.pdf
Regulatory	For research purposes only

Related Products

Recommended Negative Controls

[MOUSE IgG1 NEGATIVE CONTROL \(MCA928\)](#)

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