

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%
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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