

Product datasheet

Anti-Estradiol antibody [BGN/06/8811] ab35535

1 References

Overview

Product name	Anti-Estradiol antibody [BGN/06/8811]
Description	Mouse monoclonal [BGN/06/8811] to Estradiol
Host species	Mouse
Specificity	Cross Reactivity:- [In competitive assay, antibody at 1/2500, cross-reactants at 0.1 µg/ml.] E2 100% E2-BSA 50% E3 3% Testosterone 0.97%.
Tested applications	Suitable for: ELISA
Immunogen	Chemical/ Small Molecule, Estradiol conjugated to BSA

Properties

Form	Liquid
Storage instructions	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.
Storage buffer	Preservative: 0.1% Sodium Azide Constituents: PBS, pH 7.2
Purity	Protein A purified
Clonality	Monoclonal
Clone number	BGN/06/8811
Isotype	IgG1
Light chain type	kappa

Applications

The Abpromise guarantee Our [Abpromise guarantee](#) covers the use of ab35535 in the following tested applications. The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
ELISA		1/11000. (E2-BSA, 50% Binding) Assay system: ELISA with 0.5 to 1 µg/well of E2-BSA. All buffers contain BSA.

Target

Relevance

Estradiol is the most potent estrogen of a group of endogenous estrogen steroids which includes estrone and estriol. In women estradiol is responsible for growth of the breast and reproductive epithelia, maturation of long bones and development of the secondary sexual characteristics. Estradiol is produced mainly by the ovaries with secondary production by the adrenal glands and conversion of steroid precursors into estrogens in fat tissue.

Cellular localization

Secreted

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