

**Anti Beta-Estradiol monoclonal antibody (1977CT128.130.83)**  
**Purified Mouse Monoclonal Antibody (Mab)**  
**Catalog # AW5695**

## Specification

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### Anti Beta-Estradiol monoclonal antibody (1977CT128.130.83) - Product Information

Application	sELISA,E
Host	Mouse
Clonality	Monoclonal
Isotype	IgG2a $\kappa$
Antigen Source	Estradiol (E2), also spelled oestradiol, is a steroid, an estrogen, and the primary female sex hormone. It is named for and is important in the regulation of the estrous and menstrual female reproductive cycles. Estradiol is essential for the development and maintenance of female reproductive tissues such as the breasts, uterus, and vagina during puberty, adulthood, and pregnancy, but it also has important effects in many other tissues, including bone, fat, skin, liver, and the brain. While estrogen levels in men are lower compared to those in women, estrogens have essential functions in men, as well. It is found in most vertebrates and crustaceans, insects, fish, and other animal species.

### Anti Beta-Estradiol monoclonal antibody (1977CT128.130.83) - Additional Information

#### Other Names

Anti  $\beta$ -Estradiol monoclonal antibody

#### Target/Specificity

Mouse monoclonal antibody raised against Trastuzumab.

#### Format

Purified monoclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein G column, followed by dialysis against PBS.

#### Storage

Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

#### Precautions

Anti Beta-Estradiol monoclonal antibody (1977CT128.130.83) is for research use only and not for use in diagnostic or therapeutic procedures.

### Anti Beta-Estradiol monoclonal antibody (1977CT128.130.83) - Protein Information

## Anti Beta-Estradiol monoclonal antibody (1977CT128.130.83) - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

## Anti Beta-Estradiol monoclonal antibody (1977CT128.130.83) - Images

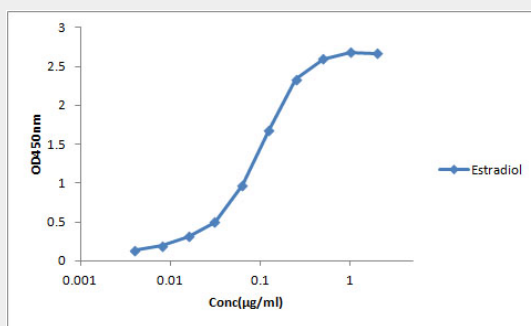


Plate was coated with BSA-Beta-Estradiol at 1.25 µg/ml in PBS, and then incubated with anti-Beta-Estradiol monoclonal antibody (1977CT128.130.83) from 0.004 µg/ml to 2 µg/ml. The secondary antibody, HRP conjugated goat anti-mouse antibody, were used at 1:10000 dilution. The antibody inhibitory concentration(IC50) of  $\beta$ -Estradiol was 33.47ng/mL