
alpha Estradiol Mouse mAb

Catalog Number: bsm-4533M

Target Protein: alpha Estradiol

Concentration: 1mg/ml

Form: Size : 50ul/100ul/200ul

Liquid

Size : 200ug (PBS only)

Lyophilized

Note: Centrifuge tubes before opening. Reconstitute the lyophilized product in distilled water. Optimal concentration should be determined by the end user.

Host: Mouse

Clonality: Monoclonal

Clone No.: 2G2

Isotype: IgG

Applications: ELISA (1:5000-10000)

Reactivity: (predicted:Alpha Estradiol)

Predicted MW: 0.27238 kDa

Purification: affinity purified by Protein A

Storage: Size : 50ul/100ul/200ul

0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.

Size : 200ug (PBS only)

0.01M PBS

Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.

Background: Estradiol (known as alpha Estradiol or 17 alpha Estradiol) is a biologically active estrogen in human breast cancer cells in tissue culture. 17-estradiol and its selective receptor, ER- α , are not part of a classical hormone/receptor endocrine system but of a system with important autocrine/paracrine functions in the developing and adult brain. 17-Estradiol may have enormous implications for hormone replacement strategies at the menopause and in the treatment of such neurodegenerative disorders as Alzheimer's disease and ischemic stroke.

PRODUCT SPECIFIC PUBLICATIONS

[IF=6.45] Li, Rongxia, et al. A competitive photoelectrochemical assay for estradiol based on in situ generated CdS-enhanced TiO₂.

Biosensors and Bioelectronics 66 (2015) 596–602. Other ; ="" . 10.1016/j.bios.2014.12.002

[IF=6.45] Li, Rongxia, et al. "A competitive photoelectrochemical assay for estradiol based on situ generated CdS-enhanced TiO₂."

Biosensors and Bioelectronics (2014). Other ; ="" . 25530540