bsm-4533M **[Primary Antibody]**

alpha Estradiol Mouse mAb

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DATASHEET

Host: Mouse
Isotype: IgG
Clonality: Monoclonal
CloneNo.: 2G2
Target: alpha Estradiol
Purification: affinity purified by Protein A
Concentration: 1mg/ml
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-X, 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.

Applications: **ELISA** (1:5000-10000)
Reactivity: (predicted: Alpha Estradiol)
Predicted MW.: 0.27238 kDa
Subcellular Location: Secreted

SELECTED CITATIONS

- **[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 TiO 2." Biosensors and Bioelectronics (2014). Other ;="". 25530540

Important Note: This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.