

## Mouse anti-Broad 17-BETA-ESTRADIOL Monoclonal Antibody

MOUSE ANTI HUMAN 17-BETA-ESTRADIOL

|                              |                      |                            |                              |
|------------------------------|----------------------|----------------------------|------------------------------|
| CATALOG #<br><b>AAA49757</b> | HOST<br><b>Mouse</b> | REACTIVITY<br><b>Broad</b> | APPLICATIONS<br><b>ELISA</b> |
|------------------------------|----------------------|----------------------------|------------------------------|

### PRODUCT SYNONYMS

17-BETA-ESTRADIOL; Monoclonal Antibody; MOUSE ANTI HUMAN 17-BETA-ESTRADIOL; anti-17-BETA-ESTRADIOL antibody

### PRODUCT SPECIFICATIONS

|                                                             |                                                                                                                                                                                                                                                                                                                                                                |
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| Host                                                        | Mouse                                                                                                                                                                                                                                                                                                                                                          |
| Reactivity                                                  | Broad                                                                                                                                                                                                                                                                                                                                                          |
| Clonality                                                   | Monoclonal                                                                                                                                                                                                                                                                                                                                                     |
| Isotype                                                     | IgG1                                                                                                                                                                                                                                                                                                                                                           |
| Clone Number                                                | 4S42                                                                                                                                                                                                                                                                                                                                                           |
| Form/Format                                                 | Purified<br>Purified IgG - liquid                                                                                                                                                                                                                                                                                                                              |
| Concentration                                               | Approximate Protein Concentration: 1.0mg/ml (varies by lot)                                                                                                                                                                                                                                                                                                    |
| Applicable Applications for anti-17-BETA-ESTRADIOL antibody | ELISA                                                                                                                                                                                                                                                                                                                                                          |
| Perservative Stabilisers                                    | 0.09% Sodium Azide (NaN <sub>3</sub> )<br>Preparation                                                                                                                                                                                                                                                                                                          |
| Immunogen                                                   | 17-beta-estradiol conjugated to Bovine Serum Albumin at position 6.<br>Buffer Solution                                                                                                                                                                                                                                                                         |
| Target Species                                              | Human                                                                                                                                                                                                                                                                                                                                                          |
| Preparation and Storage                                     | Store at 4 degree C or at -20 degree C if preferred. 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.<br>Shelf Life: 18 months from date of despatch. |

### ADDITIONAL INFORMATION

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| Related Product Information for anti-17-BETA-ESTRADIOL antibody | Mouse anti Human 17-beta-Estradiol antibody, clone 4S42 recognizes 17-beta estradiol, a mammalian estrogenic hormone, produced in the ovaries, placenta and testis that has a role in normal sexual development and the regulation of the menstrual cycle. |
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**For Research Use Only.** Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://www.aaabiotech.com/monoclonal/17-beta-estradiol-antibody-clone-4s42-elisa/49757>