

## Mouse Phenobarbital Monoclonal Antibody

Phenobarbital Monoclonal Antibody

|                              |                      |                                    |                              |
|------------------------------|----------------------|------------------------------------|------------------------------|
| CATALOG #<br><b>AAA47709</b> | HOST<br><b>Mouse</b> | REACTIVITY<br><b>Phenobarbital</b> | APPLICATIONS<br><b>ELISA</b> |
|------------------------------|----------------------|------------------------------------|------------------------------|

### PRODUCT SYNONYMS

Phenobarbital; Monoclonal Antibody; Phenobarbital Monoclonal Antibody; Anti-Phenobarbital; anti-Phenobarbital antibody

### PRODUCT SPECIFICATIONS

|                                                         |                                                                                                                                                                                       |
|---------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Host                                                    | Mouse                                                                                                                                                                                 |
| Reactivity                                              | Phenobarbital                                                                                                                                                                         |
| Clonality                                               | Monoclonal                                                                                                                                                                            |
| Isotype                                                 | IgG1                                                                                                                                                                                  |
| Clone Number                                            | PB9-30.17.4.16                                                                                                                                                                        |
| Specificity                                             | This mouse monoclonal antibody is specific to Phenobarbital with 12.2% cross reactivity to p-hydroxy-phenobarbital                                                                    |
| Form/Format                                             | Purified; This monoclonal antibody is formulated in phosphate buffered saline (PBS) pH 7.2 - 7.4 with no carrier protein or preservatives added                                       |
| Concentration                                           | 1.7 mg/ml (varies by lot)                                                                                                                                                             |
| Applicable Applications for anti-Phenobarbital antibody | ELISA                                                                                                                                                                                 |
| Immunogen                                               | Phenobarbital-KLH                                                                                                                                                                     |
| Dry Ice Note                                            | The product may be shipped with dry ice, and an additional fee may be added to your shipping cost.                                                                                    |
| Preparation and Storage                                 | Upon initial thawing, appropriately aliquot and store at $\leq 70^{\circ}\text{C}$ .<br>For long term storage, keep at $\leq 70^{\circ}\text{C}$<br>Avoid repeated freeze-thaw cycles |

### ADDITIONAL INFORMATION

|                                                             |                                                                                                                                                                                                                                                                                                                                                                            |
|-------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Related Product Information for anti-Phenobarbital antibody | Phenobarbital is a barbituate recommended by the World Health Organization for the treatment of certain types of epilepsy. In developed countries it is commonly used to treat seizures in young children, while other medications are generally used in older children and adults. Phenobarbital works by increasing the activity of the inhibitory neurotransmitter GABA |
| Product Categories/Family for anti-Phenobarbital antibody   | <a href="#">Drug Antibodies</a>                                                                                                                                                                                                                                                                                                                                            |

**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://stage.aaabiotech.com/monoclonal/phenobarbital-antibody-clone-pb9-30-17-4-16-elisa/47709>