

Mouse Phenobarbital Monoclonal Antibody

Phenobarbital antibody

CATALOG # AAA74549	HOST Mouse	REACTIVITY To be determined by end-user
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PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	To be determined by end-user
Clonality	Monoclonal
Isotype	IgG1
Clone Number	M4020510
Form/Format	Purified from murine ascites and supplied in PBS, pH 7.0, with 0.02% NaN ₃ .
Concentration	Typically 2-5 mg/ml (varies by lot)
Biological Significance	Phenobarbital is a barbiturate and the most widely used anticonvulsant worldwide. It also has sedative and hypnotic properties but, as with other barbiturates, has been superseded by the benzodiazepines for these indications. Phenobarbital is no less effective at seizure control than more modern drugs such as phenytoin and carbamazepine. It is, however, significantly less well tolerated.
Biohazard Information	This product contains sodium azide as preservative. Although the amount of sodium azide is very small appropriate care must be taken when handling.
Affinity Constant	5 x 10 ¹⁰ l/mol
Immunogen	Phenobarbital antibody was raised in mouse using phenobarbital-KLH as the immunogen.
Preparation and Storage	Store at 4 degree C for short term storage. Aliquot and store at -20 degree C for long term storage. Avoid repeated freeze/thaw cycles.

ADDITIONAL INFORMATION

Related Product Information for anti-Phenobarbital antibody	Mouse monoclonal Phenobarbital antibody
Product Categories/Family for anti-Phenobarbital antibody	Drugs & Toxicology

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.