Phenobarbital Antibody – Mouse Monoclonal

PRODUCT OVERVIEW

Product Name	Phenobarbital, Monoclonal Antibody
Full Product Name	Phenobarbital Monoclonal Antibody
Product Synonym Names	Anti-Phenobarbital; Phenobarbital
Clonality	Monoclonal
Isotype	IgG1
Host	Mouse
Form/Format	1 ml ascites or 1 mg purified antibody in PBS pH 7.4.
Specificity	Anti-Phenobarbital [Murine MAbs recognize phenobarbital and p-hydroxy-phenobarbital. LP]
Preparation and Storage	These antibodies are stable for at least one (1) year at -20 degree C to -70 degree C. Store product in appropriate aliquots to avoid multiple freeze-thaw cycles.
Antigen	Phenobarbital conjugated to KLH.
Activity and Specificity	Ig mg/ml*: 17.9 ELISA Titer**: 1:25,600 %Cross-Reactivity With p-hydroxy-phenobarbital: 23.6 (Notes: * Determined by radial immunodiffusion for several lots of ascites. ** ELISA is an indirect assay against phenobarbital conjugated to BSA on the solid phase. Titers represent endpoint dilutions that achieve absorbance values >= 0.1.)
Stabilizer	None.
Preservatives	None. Available on request.
Dilutions Instructions	Dilute in PBS or medium which is identical to that used in the assay system.
Product Categories/Family for anti-Phenobarbital antibody	Drug Antibodies
Applications Tested/Suitable for anti-Phenobarbital antibody	Immunoassay
Application Notes for anti-Phenobarbital antibody	These antibodies may be used in immunoassays to detect and, quantitate phenobarbital. Not all applications have been investigated.
Related Product Information for anti-Phenobarbital antibody	MBS190370 is an antibody targeting Phenobarbital. Also known as Phenobarbital Monoclonal Antibody. Host: Mouse.
Other Notes	Small volumes of anti-Phenobarbital antibody vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for Phenobarbital. It may not necessarily be applicable to this product.

Protein Family	Aldehyde dehydrogenase

Precautions	All of MyBioSource's Products are for scientific laboratory research purposes and are not for diagnostic, therapeutics, prophylactic or in vivo use. Through your purchase, you expressly represent and warrant to MyBioSource that you will properly test and use any Products purchased from MyBioSource in accordance with industry standards. MyBioSource and its authorized distributors reserve the right to refuse to process any order where we reasonably believe that the intended use will fall outside of our acceptable guidelines.
Disclaimer	While every efforts were made to ensure the accuracy of the information provided in this datasheet, MyBioSource will not be liable for any omissions or errors contained herein. MyBioSource reserves the right to make changes to this datasheet at any time without prior notice. It is the responsibility of the customer to report product performance issues to MyBioSource within 30 days of receipt of the product. Please visit our Terms & Conditions page for more information.
Product Note	Select online data sheet information is drawn from bioinformatics databases, occasionally resulting in ambiguous or non-relevant product information. It is the responsibility of the customer to review, verify, and evaluate the information to make sure it matches their requirements before purchasing the kit. Our ELISA Kit assays are dynamic research tools and sometimes they may be updated and improved. If the format of this assay is important to you then please request the current manual or contact our technical support team with a presales inquiry before placing an order. We will confirm the current details of the assay. We cannot guarantee the sample manual posted online is the most current manual, it is intended to serve as an example only. Please refer to the instructions For Use provided with the assay kit for precise details.

For Research Use Only. Not for use in diagnostic or therapeutic procedures.

MyBioSource | Tel: +1.858.633.0165 | Fax: +1.858.633.0166 | mybiosource.com/contact-us
Online datasheet: https://www.mybiosource.com/monoclonal-antibody/phenobarbital/190370