

Anti-Microcystin-LR monoclonal antibody

Catalog: NAB1005-001

Quantity: 200 µL

Immunogen Information:

Background

Cyanobacterial toxins can induce toxic effects both in humans and in the environment. Among them, microcystins (MCs) are the best described and most diverse group of cyanobacterial toxins. Moreover, they are the toxins most frequently produced by freshwater cyanobacteria genera. Among so many variants, microcystin-leucine arginine (MC-LR) is the most common and most studied congener, followed by MC-RR (with two arginines at positions 2 and 4). Currently, MC-LR is considered as the reference compound among MCs because of its toxicity and high occurrence.

Immunogen

KLH-Microcystin-LR. [We also have antibodies for different epitopes from the Capsid protein. Please request at \[info@nanodiaincs.com\]\(mailto:info@nanodiaincs.com\) or <https://www.nanodiaincs.com>.](#)

Basic Information:

Purification: Protein A purified

Clonality: Monoclonal **Host:** Mouse

Product Information:

Form: Lyophilized

Reconstitution

Reconstitution with 200 µL of sterile water.

"Note: please spin tube briefly prior to opening it to avoid any losses that might occur from lyophilized material adhering to the cap or sides of the tube".

Stability & Storage

Use a manual defrost freezer and avoid repeated freeze-thaw cycles.

12 months from date of receipt, -20 to -70°C as supplied.

6 months, -20 to -70°C under sterile conditions after reconstitution.

1 month, 2 to 8°C under sterile conditions after reconstitution.

Shipping

The product is shipped at 4°C. Upon receipt, store it immediately at the temperature recommended above.

Applications Information:

Recommended Dilution: WB (1:1000-1:2000)

Predicted Reactivity: For more species homologues information, please contact tech support at info@nanodiaincs.com.