

Anti-G418 antibody

Catalog: NAB1009-002

Quantity: 200 µL

Immunogen Information:

Background

G418 is Aminoglycoside 3'-phosphotransferase (also known as NPTII or Neo). This enzyme inactivates antibiotics like kanamycin, neomycin by phosphorylation. It is encoded by the Tn5 transposon from *Klebsiella pneumoniae* and is widely used as a selectable marker in mammalian cells.

Immunogen

Synthetic peptide of G418 protein derived from (Uniprot: P00552 NCBI: WP_000572405). [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: Polyclonal

Expected MW: 29 kDa

Host: Rabbit

Product Information:

Form: Lyophilized

Reconstitution

Reconstitution with 200 µl of sterile 1XPBS (PH=7.4) containing 30% glycerol.

"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.