

Mouse NPT Monoclonal Antibody | anti-NPT antibody

NPT antibody

CATALOG # AAA74879	HOST Mouse	APPLICATIONS Western Blot, ELISA
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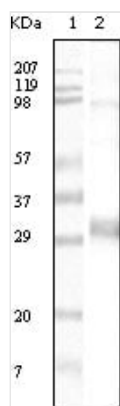
PRODUCT SYNONYMS

NPT; Monoclonal Antibody; NPT antibody; Monoclonal NPT; Anti-NPT; NptII; Neomycin phosphotransferase II; Anti NPT; anti-NPT antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Clonality	Monoclonal
Isotype	IgG2a
Clone Number	4B4D1
Form/Format	Ascitic fluid containing 0.03% sodium azide.
Concentration	100ul per vial (varies by lot)
Sequence Length	264
Applicable Applications for anti-NPT antibody	WB (Western Blot), ELISA
Immunogen	Purified recombinant fragment of NPT expressed in E. Coli.
Cross-Reactivity	Human
Preparation and Storage	Store at 4 degree C for short term storage. Store at -20 degree C for long term storage. Avoid repeated freeze/thaw cycles.

IMAGES



WB (Western Blot)

Western Blot analysis using NPT antibodyWestern Blot showing NPT antibody used against truncated NPT recombinant protein.

ADDITIONAL INFORMATION

Related Product Information for anti-NPT antibody	Description: Mouse monoclonal NPT antibody Biological Significance: NPT is used in selection of transformed organisms. It was initially isolated from the transposon Tn5 that was present in the bacterium strain Escherichia coli K12. The gene codes for the aminoglycoside 3'-phosphotransferase (denoted aph(3')-II or NPTII) enzyme. NPT is probably the most widely used selectable marker for plant transformation. It is also used in gene expression and regulation studies in different organisms in part because N-terminal fusions can be constructed that retain enzymatic activity. In animal cells, G418 and neomycin are used as selectable agents.
Product Categories/Family for anti-NPT antibody	Proteases; Inhibitors; & Enzymes

NCBI AND UNIPROT INFORMATION

NCBI GI #	81175357
NCBI Official Full Name	neomycin phosphotransferase

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/npt-antibody-clone-4b4d1-western-blot-elisa/74879>