

新霉素磷酸转移酶 2 抗体

产品货号： mIR19203

英文名称： NPTII/Neomycin Phosphotransferase 2

中文名称： 新霉素磷酸转移酶 2 抗体

别 名： Aminoglycoside 3' phosphotransferase; APH(3') II; APH(3')II; aphA; EC 2.7.1.95; Kan; Kanamycin kinase type II; Kanamycin kinase, type VIII; kanamycin resistance gene; Neo; Neomycin kanamycin phosphotransferase type II; Neomycin kanamycin phosphotransferase type VIII; Neomycin phosphotransferase II; Neomycine phosphotransferase; NPT II; NPTII.

研究领域： 肿瘤 细胞生物 细菌及病毒 新陈代谢

抗体来源： Rabbit

克隆类型： Polyclonal

交叉反应： Escherichia coli, Reacts with bacteria.

产品应用： WB=1:500-2000 ELISA=1:500-1000 IHC-P=1:400-800 IHC-F=1:400-800 ICC=1:100-500 IF=1:100-500
(石蜡切片需做抗原修复)

not yet tested in other applications.

optimal dilutions/concentrations should be determined by the end user.

分 子 量： 32kDa

性 状： Lyophilized or Liquid

浓 度： 1mg/ml

免 疫 原： KLH conjugated synthetic peptide derived from human Neomycin Phosphotransferase 2:101-200/264

亚 型： IgG

纯化方法： affinity purified by Protein A

储 存 液： 0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.

保存条件： Store at -20 癬 for one year. Avoid repeated freeze/thaw cycles. The lyophilized antibody is stable at room temperature for at least one month and for greater than a year when kept at -20 癬. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 癬.

PubMed： PubMed

产品介绍： Neomycin phosphotransferase II confers resistance to kanamycin and neomycin in bacteria and G418 (Geneticin? G418 Sulfate) in mammalian cells. These antibiotics bind to ribosomal components and inhibit protein synthesis. NPT II inhibits these antibiotics through phosphorylation, which is thought to interfere with their active transport into the cell. Immunoblot analysis of transfected cell lysates with anti NPT II can be used to gauge relative transfection efficiencies in experiments where multiple transfections are performed in parallel with different plasmids.

Similarity:

Belongs to the aminoglycoside phosphotransferase family.

Important Note:

This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.