

甲硝唑抗体

产品货号： mIR2059

英文名称： Metronidazole

中文名称： 甲硝唑抗体

别名： 2-Methyl-5-nitroimidazole-1-ethanol.

产品类型： 药物与化合物抗体

研究领域： 药物及化合物

抗体来源： Rabbit

克隆类型： Polyclonal

交叉反应： Metronidazole

产品应用： ELISA=1:500-1000

not yet tested in other applications.

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

分子量： 0.17115kDa

性状： Lyophilized or Liquid

浓度： 1mg/ml

免疫原： KLH conjugated with Metronidazole:

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 ° C 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° C. 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 ° C.

PubMed： PubMed

产品介绍： Metronidazole is a nitroimidazole antibiotic medication used particularly for anaerobic bacteria and protozoa. Metronidazole is an antibiotic, amebicide, and antiprotozoal. Metronidazole, taken up by diffusion, is selectively absorbed by anaerobic bacteria and sensitive protozoa. Once taken up by anaerobes, it is non-enzymatically reduced by reacting with reduced ferredoxin, which is generated by pyruvate oxido-reductase. Many of the reduced nitroso intermediates will form sulfinamides and thioether linkages with cysteine-bearing enzymes, thereby deactivating these critical enzymes. As many as 150 separate enzymes are affected. In addition or alternatively, the metronidazole metabolites are taken up into bacterial DNA, and form unstable molecules. This function only occurs when metronidazole is partially reduced, and because this reduction usually happens only in anaerobic cells, it has relatively little effect upon human cells or aerobic bacteria.

SWISS:

N/A

CAS:

443-48-1

Important Note:

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