5 甲基胞嘧啶抗体

产品货号： mlR9450

英文名称： 5 MethylCytosine

中文名称： 5 甲基胞嘧啶抗体

别　　名： 5-Methyl Cytidine; 5 m C; 5 mC; 5 me C; 5 Me Cytidine; 5 MeCyd; 5 Methyl Cytidine; 5 MethylCytosine; 5-mC; 5-Me Cytidine; 5-Methyl-Cytosine; 5-MethylCytidine.

产品类型药物与化合物抗体

研究领域： 细胞生物　转录调节因子

抗体来源： Rabbit

克隆类型： Polyclonal

交叉反应： 5 MethylCytosine

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： 0.16159kDa

细胞定位： 细胞核

性　　状： Lyophilized or Liquid

浓　　度： 1mg/ml

免 疫 原： KLH conjugated 5 MethylCytosine:

亚　　型： IgG

纯化方法： affinity purified by Protein A

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

保存条件： Store at -20 癈 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 癈. 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 癈.

PubMed： PubMed

产品介绍 background :

Cytidine is a nucleoside formed by a cytosine attached to a ribose ring via a beta-N1-glycosidic bond. DNA is methylated on cytidines by DNA methylases (DNMTs)to generate 5-methylcytidine (5-mC), a potent epigenetics marker and regulator of gene expression. The reverse reaction (cytidine demethylation) starts with its oxidation to hydroxymethyl- (5-hmC), formyl- (5-fC), and carboxy- (5-caC) cytidine. Several enzymes, including the Tet family of proteins have been implicated in cytidine demethylation.

Subcellular Location:

Nuclear.

SWISS:

N/A

CAS:

58366-64-6

Important Note:

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