

本公司提供的电子版本说明书仅供参考，实验请以收到的纸质手册为准。

Anti-Human/Mouse/Rat CTH Monoclonal Antibody

单克隆抗体

产品货号: MA01980

第三版

免疫原:Fusion protein of Gamma

亚型:IgG1

克隆:620

描述:CTH,also named as Gamma-cystathionase and CSE,belongs to the trans-sulfuration enzymes family. It catalyzes the last step in the transsulfuration pathway from methionine to cysteine. CTH has broad substrate specificity. It converts cystathionine to cysteine, ammonia and 2-oxobutanoate. And it converts two cysteine molecules to lanthionine and hydrogen sulfide. CTH can also accept homocysteine as substrate. Its specificity depends on the levels of the endogenous substrates. It generates the endogenous signaling molecule hydrogen sulfide (H₂S), and so contributes to the regulation of blood pressure. The CSE/H₂S pathway is upregulated in the heart in a murine model of CVB3-induced myocarditis and that inhibition of endogenous H₂S is beneficial to treatment early in the disease while administration of exogenous H₂S is protective to infected myocardium during the later stage. Defects in CTH are the cause of cystathioninuria.

配方:

浓度:None

保存: +4 ° C 保存 (1-2 周). 长期保存在-20 ° C或者-70 ° C. 避免反复冻融.

应用:ELISA, WB, ICC/IF