

Anti-CNF1 antibody [NG8] ab37253

概述

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| 产品名称 | Anti-CNF1抗体[NG8] |
| 描述 | 小鼠单克隆抗体[NG8] to CNF1 |
| 宿主 | Mouse |
| 经测试应用 | 适用于: Blocking, Dot blot, WB |
| 免疫原 | Synthetic peptide, corresponding to amino acids 704/730 of <i>Escherichia coli</i> CNF1 |
| 表位 | a37253 specifically recognises an epitope between aminoacids 704 and 730 of the enzymatic C-terminal domain. |

性能

| | |
|------|---|
| 形式 | Liquid |
| 存放说明 | Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles. |
| 存储溶液 | Preservative: 0.01% Sodium azide Constituents: 0.1% BSA, PBS |
| 纯度 | Protein G purified |
| 克隆 | 单克隆 |
| 克隆编号 | NG8 |
| 同种型 | IgG2a |

应用

The Abpromise guarantee **Abpromise™**承诺保证使用ab37253于以下的经测试应用

“应用说明”部分 下显示的仅为推荐的起始稀释度;实际最佳的稀释度/浓度应由使用者检定。

| 应用 | Ab评论 | 说明 |
|----------|------|----|
| Blocking | | |
| Dot blot | | |
| WB | | |

应用说明

BL: Use at an assay dependent dilution. Dilutions should be made according to the amount of CNF1 to be inactivated.

Dot (native conditions): Use at an assay dependent dilution.

WB: Use at an assay dependent dilution. Starting dilution 1/10. Predicted molecular weight: 115 kDa.

Not yet tested in other applications.

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

靶标

相关性

CNF1 and CNF2 belong to a family of bacterial toxins that target the small GTP-binding Rho proteins that regulate the actin cytoskeleton. Members of this toxin family typically inactivate Rho; however, CNF1 and the highly related CNF2, activate Rho by deamidation. CNF1 is more frequently associated with E.coli strains that cause extraintestinal infections in humans, particularly those of the urinary tract. In CNF1-producing uropathogenic E.coli strains, CNF1 is chromosomally encoded and typically resides on a pathogenic island that also contains hemolysin and P fimbria-related genes. Both CNF1 and the highly related CNF2 are monomeric, cytoplasmic toxins of approximately 115 kDa. CNF1 can be structurally organised into 3 functional domains : the N-terminal, central and C-terminal domains. The latter exhibits the catalytic activity of the toxin.

细胞定位

Cytoplasmic

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