

Product datasheet

Anti-CNF1 antibody [NG8] ab37253

概述

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

Our [Abpromise guarantee](#) covers the use of **ab37253** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

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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