

Product datasheet

Anti-Bacillus anthracis lethal factor antibody [BAL0105] ab8242

製品の概要

製品名	Anti-Bacillus anthracis lethal factor antibody [BAL0105]
製品の詳細	Mouse monoclonal [BAL0105] to Bacillus anthracis lethal factor
由来種	Mouse
特異性	Lethal factor antigen of <i>Bacillus anthracis</i> .
アプリケーション	適用あり: ELISA
免疫原	Highly purified lethal factor antigen of <i>Bacillus anthracis</i> .

製品の特性

製品の状態	Liquid
保存方法	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.
バッファー	PBS with 0.1% sodium azide
精製度	Protein G purified
特記事項(精製)	Purified by chromatography on protein G Sepharose. Purity is tested by electrophoresis.
ポリ/モノ	モノクローナル
クローン名	BAL0105
ミエローマ	Sp2/0
アイソタイプ	IgG1

アプリケーション

Our [Abpromise guarantee](#) covers the use of **ab8242** in the following tested applications.

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

アプリケーション	Abreviews	特記事項
ELISA		

追加情報

ELISA: Use at an assay dependent dilution.

Not tested in other applications.

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

ターゲット情報

関連性	The protease enzyme Lethal Factor (LF) is one of the three proteins (LF, EF & PA) composing the anthrax toxin produced by <i>Bacillus anthracis</i> , a bacteria which can infect many mammalian species and that may be fatal. LF is not toxic by itself, but when associated with Protective Antigen (PA), can then gain entry to cells. Once inside the cell, LF then cleaves the N terminal of most dual specificity mitogen activated protein kinase kinases (MAPKKs or MAP2Ks) (except for MAP2K5). Cleavage invariably occurs within the N terminal proline rich region preceding the kinase domain, thus disrupting a sequence involved in directing specific protein protein interactions necessary for the assembly of signaling complexes. There may be other cytosolic targets of LF involved in cytotoxicity. The proteasome may mediate a toxic process initiated by LF in the cell cytosol involving degradation of unidentified molecules that are essential for macrophage homeostasis. This is an early step in LF intoxication, but it is downstream of the cleavage by LF of MEK1 or other putative substrates.
細胞内局在	secreted

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