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Product datasheet

Anti-Lethal factor antibody [LF2] ab69486

製品の概要

製品名	Anti-Lethal factor antibody [LF2]
製品の詳細	Mouse monoclonal [LF2] to Lethal factor
由来種	Mouse
アプリケーション	**適用あり:** WB, IP, ELISA
種交差性	**交差種:** Bacillus anthracis
免疫原	Full length protein corresponding to Lethal factor. Anthrax lethal factor. Database link: **P15917**
特記事項	The Life Science industry has been in the grips of a reproducibility crisis for a number of years. Abcam is leading the way in addressing this with our range of recombinant monoclonal antibodies and knockout edited cell lines for gold-standard validation. Please check that this product meets your needs before purchasing. If you have any questions, special requirements or concerns, please send us an inquiry and/or contact our Support team ahead of purchase. Recommended alternatives for this product can be found below, along with publications, customer reviews and Q&As

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 or -80°C. Avoid repeated freeze / thaw cycles.
バッファー	Preservative: 0.01% Sodium azide Constituent: PBS
精製度	Protein G purified
ポリ/モノ	モノクローナル
クローン名	LF2
アイソタイプ	IgG1
軽鎖の種類	kappa

アプリケーション

The Abpromise guarantee	**Abpromise保証は、** 次のテスト済みアプリケーションにおけるab69486の使用に適用されます

アプリケーションノートには、推奨の開始希釈率がありますが、適切な希釈率につきましてはご検討ください。

アプリケーション	Abreviews	特記事項
WB		Use at an assay dependent dilution. Predicted molecular weight: 94 kDa.
IP		Use at an assay dependent dilution.
ELISA		Use at an assay dependent dilution.

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 Bacillus anthracis, 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.

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