

Product datasheet

Anti-Yersinia pestis F1 antigen antibody [M996145] ab31428

製品の概要

製品名	Anti-Yersinia pestis F1 antigen antibody [M996145]
製品の詳細	Mouse monoclonal [M996145] to Yersinia pestis F1 antigen
由来種	Mouse
特異性	Recognizes capsule bearing strains of Y. pestis. The clone number has been updated from (1.F.1) to (M996145) both clone numbers name the same antibody clone.
アプリケーション	適用あり: IHC-Fr, IHC-P
種交差性	Reacts with Yersinia pestis Not yet tested in other species.
免疫原	Purified F1 antigen of Y. pestis vaccine strain EB.

製品の特性

製品の状態	Liquid
保存方法	Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C long term.
バッファー	Preservative: 0.1% Sodium Azide Constituents: 40% Glycerol, PBS, pH 7.4
精製度	Protein G purified
ポリ/モノ	モノクローナル
クローン名	M996145
アイソタイプ	IgG1

アプリケーション

Our [Abpromise guarantee](#) covers the use of **ab31428** 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
IHC-Fr		Use at an assay dependent concentration.
IHC-P		Use at an assay dependent concentration.

ターゲット情報

関連性	<p><i>Yersinia pestis</i> is a gram-negative coccobacillus belonging to the Enterobacteriaceae. <i>Yersinia pestis</i> is primarily a rodent pathogen, with humans being an accidental host when bitten by an infected rat flea. The flea draws viable <i>Y. pestis</i> organisms into its intestinal tract. Some <i>Y. pestis</i> in the flea are then regurgitated when the flea gets its blood meal thus transferring the infection to a new host. While growing in the flea, <i>Y. pestis</i> loses its capsular layer, which is made of the F1 (or fraction 1) capsule antigen. Most of the organisms are phagocytosed and killed by the polymorphonuclear leukocytes in the human host. A few bacilli are taken up by tissue macrophages. The macrophages are unable to kill <i>Y. pestis</i> and provide a protected environment for the organisms to synthesize their virulence factors.</p>
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