

Product datasheet

Anti-Bacillus anthracis protective antigen antibody [BAP0104] ab1991

Overview

Product name	Anti-Bacillus anthracis protective antigen antibody [BAP0104]
Description	Mouse monoclonal [BAP0104] to Bacillus anthracis protective antigen
Specificity	This antibody is not cross-reacting with lethal factor antigen of B. anthracis, Y.Pestis, F. Tularensis, and Toxoplasma gondii.
Tested applications	Suitable for: ELISA
Immunogen	Highly purified protective antigen of Bacillus anthracis.
General notes	Concentration varies from lot to lot and can be provided on request.

Properties

Form	Liquid
Storage instructions	Shipped at 4°C. Store at +4°C. Do Not Freeze.
Storage buffer	Preservative: 0.1% Sodium Azide Constituents: PBS, pH 7.4
Purity	Protein G purified
Purification notes	Purity is tested by electrophoresis.
Clonality	Monoclonal
Clone number	BAP0104
Myeloma	Sp2/0
Isotype	IgG2b

Applications

Our [Abpromise guarantee](#) covers the use of **ab1991** in the following tested applications.

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

Application	Abreviews	Notes
ELISA		Use at an assay dependent dilution.

Target

Relevance Anthrax toxins are composed of three distinct proteins, a protective antigen (PA), a lethal factor (LF) and an edema factor (EF). None of these proteins are toxic by themselves and several studies indicate that the anthrax toxin has the familiar A-B enzymatic binding structure, with PA acting as the binding domain and EF and/or LF acting as the active fragments.

Cellular localization Secreted

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