



Meridian
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CERTIFICATE OF ANALYSIS

Important Note: Centrifuge before opening to ensure complete recovery of vial contents.

Catalog #: C86308B **Lot #:** 25K30717

Description: MAb to *Yersinia pestis* F1 Ag
Monoclonal Antibody to *Yersinia pestis* F1 Antigen EB Strain
Biotin Conjugated

Specificity: Reacts with capsule-bearing strains of *Y. pestis* only. Does not cross-react with *Y. pseudotuberculosis* and *Y. enterocolitica*.

Host Animal: Mouse **Isotype:** IgG₁

Source: Ascites

Immunogen: Purified F1 antigen from *Yersinia pestis* vaccine strain EB.

Format: Biotin, Liquid

Purification: ≥ 95% pure (SDS-PAGE). Protein G Chromatography

Concentration: 6.0 mg/mL (OD_{280nm} E^{0.1%} = 1.4)

Affinity Constant: Not Determined

Buffer: Phosphate Buffered Saline, pH 7.4

Preservative: 0.09% Sodium Azide

Applications: Suitable for use in ELISA, Western Blot and immunohistochemistry. Each laboratory should determine an optimum working titer for use in its particular application. Other applications have not been tested but use in such assays should not necessarily be excluded.

Storage: Store at 2-8°C.

Safety Note(s): Refer to the appropriate Safety Data Sheet (SDS) for additional information.

Brenda Dunn

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FOR RESEARCH OR FURTHER MANUFACTURING USE ONLY