Meridian Life Science, Inc.
a Meridian Bioscience Company, Inc.
5171 Wilfong Road
Memphis, TN 38134
USA
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Fax: 901-333-8223
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www.MeridianLifeScience.com

CERTIFICATE OF ANALYSIS

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

Catalog #: C65433F **Lot #:** 2I27422

Description: MAb to Adenovirus
Monoclonal Antibody to Adenovirus
Fluorescein Conjugated

Specificity: Specific for the hexon group antigen of many Adenovirus serotypes. Known reactivity with 34 serotypes of Adenovirus including types 40 and 41 (40, 41, 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 14, 16, 18, 19, 20, 26, 31, 34, 35, 36 and 37). Does not react with Influenza A, Influenza B, RSV, Parainfluenza 1, 2 & 3, *Mycoplasma pneumonia*, *H. pylori* and Mammalian cells.

Host Animal: Mouse **Isotype:** IgG_1

Source: Ascites

Immunogen: Infected cell extract with adenovirus type 6.

Format: FITC, Liquid

Purification: IgG fraction conjugated with high purity isomer I of fluorescein isothiocyanate. Care is taken to ensure complete removal of any free fluorescein from the final product.

Concentration: 0.1 mg/mL (OD280nm, $E^{0.1\%} = 1.3$)

Affinity Constant: Not Determined

Buffer: 0.01 M Phosphate Buffered Saline, pH 7.2 containing 10 mg/mL BSA.

Preservative: 0.1% Sodium Azide

Applications: Suitable for use in ELISA and IFA. Direct FA staining of target antigen in a permissive tissue culture system. Acetone fixation of the antigen source is recommended prior to staining. 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: Short-term (up to 6 months) store at 2–8°C. Long term, aliquot and store at -20°C. Avoid multiple freeze/thaw cycles.

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

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Warning: This product contains sodium azide, which has been classified as Xn (Harmful), in European Directive 67/548/EEC in the concentration range of 0.1 – 1.0%. When disposing of this reagent through lead or copper plumbing, flush with copious volumes of water to prevent azide build-up in drains.

References: The reference listed below is for research purposes only:

Zhang, Q., et al., (2004), "Effective Gene-Viral Therapy for Telomerase-Positive Cancers by selective Replicative-Competent Adenovirus Combining with Endostatin Gene", Cancer Research, **64**: 5390-5397

Quality Signature:  30 Sep 2022

FOR RESEARCH OR FURTHER MANUFACTURING USE ONLY