



Meridian

Life Science,® Inc.

Innovative Solutions. Trusted Partner.®

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SPECIFICATION SHEET

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

Catalog #: C65431M **Lot #:** 2L35510

Description: MAb to Adenovirus
Monoclonal Antibody to Adenovirus

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, 1a, 2, 2c, 3, 3a, 4, 5, 5a, 5b, 5c, 5d, 6, 7, 7a, 8, 9, 10, 11, 12, 12a, 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 pneumoniae, H. pylori and Mammalian cells.

Clone: 143

Host Animal: Mouse **Isotype:** IgG₁

Source: Ascites

Immunogen: Infected cell extract with adenovirus type 6

Format: Purified, Liquid

Purification: >90% pure. Protein A chromatography

Concentration: 100ug/ml (OD280nm, E^{0.1%} = 1.3)

Affinity Constant: Not determined

Buffer: 0.01M PBS, pH 7.2
This product contains no stabilizing proteins.

Preservative: 0.1% Sodium azide

Applications: Suitable for use in ELISA, Lateral flow and IFA. Not suitable for use in Western blot. 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.
Recommended pairs for sandwich immunoassay:

<u>Capture</u>	<u>Detection</u>
C65431M	C01256M
C65431M	C01554M
C01256M	C65431M
C65431M	C65604M
C65431M	B65140P

FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES.

Storage: Upon receipt, aliquot and store at -20°C. Avoid multiple freeze/thaw cycles.

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

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