

MONOTOPE™ product information for

Adenovirus

I. Monoclonal Antibody (Mouse) Specificity

Product No.'s	Ig class	
1411	IgG2a	Specific for the hexon group antigen of numerous [^] Adenovirus. ELISA & IFA. Pairing information available.
1421	IgG1	Specific for the hexon group antigen of numerous [^] Adenovirus. ELISA & IFA. Pairing information available.
1431 1433	IgG1	Specific for the hexon group antigen of many Adeno serotypes*. ELISA & IFA. Pairing info available.
1461 1463	IgG1	Specific for the hexon group antigen of numerous [†] Adenovirus. ELISA & IFA. Pairing info available.
1481	IgG1	Specific for the hexon group antigen of numerous [^] Adenovirus. ELISA & IFA. Pairing information available.
1491	IgG1	Specific for the hexon group antigen of numerous [^] Adenovirus. ELISA & IFA. Pairing information available.

II. Purified Preparations

Product No.'s
1411
1421
1431
1461
1481
1491

MONOTOPE™ purified preparations consist of >90% pure mouse monoclonal antibody which has been purified from ascites fluid or culture medium by protein A chromatography or sequential differential precipitations. The final preparation is formulated to a protein concentration of 100 µg/ml in 0.01 M phosphate buffered saline, pH 7.2 and contains 0.1% sodium azide. Each vial contains 1.0 ml. This product contains no stabilizing proteins and should be stored at 2-8°C until ready for use. Working dilution must be determined by the user. Suggested starting ranges are 1:10-1:50 for IFA and 1:20-1:200 for ELISA.

THESE PRODUCTS ARE FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES

III. Fluorescein Conjugates

Product No.'s
1433
1463

These MONOTOPE™ products consist of purified monoclonal antibody conjugated with high purity isomer I of fluorescein isothiocyanate. Care is taken to ensure complete removal of any free fluorescein from the final product. The final preparation is formulated to an antibody concentration of 100 µg/ml in 0.01 M phosphate buffered saline, pH 7.2 containing 0.1% sodium azide plus bovine serum albumin at 10 mg/ml. Each vial contains 1.0 ml. This product should be stored at 2-8°C until ready for use. Avoid repeated freeze-thawing by storing multiple aliquots at -20°C. Applications for these products include direct FA staining of target antigen in a permissive tissue culture system. Working strength must be determined by the user for each specific application but a starting range of 1:5 - 1:20 is recommended. Acetone fixation of the antigen source is recommended prior to staining.

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Comments: 1431: Known reactivity with 34 serotypes of Adenovirus including types 40 & 41. Crossreactivity data available for this clone.

† 1461: Known reactivity with at least 21 serotypes of Adenovirus including types 40 & 41.

^ 1411, 1481 & 1491 are known to be reactive with Adeno types :1, 2, 3, 4, 5, 6, 7a, 8, 11, 14, 20, 21, 26, 31, 40 & 41.

All clones are non-reactive with Influenza A, Influenza B, RSV, Para 1, 2 & 3, Mycoplasma pneumoniae, H. pylori and mammalian cells.