

**MONOTOPE™** product information for

**Respiratory Syncytial Virus**

**I. Monoclonal Antibody (Mouse) Specificity**

Product No.'s	Ig class	
0635	NA	IgG1 specific for the fusion protein of RSV, types A&B. Pairs well in ELISA*. Functions in IFA.
0631	NA	IgG2a specific for the fusion protein of RSV, types A&B. Neutralizes. Pairs well in ELISA*. Functions in IFA.
<b>0641</b>	NA	IgG1 specific for the fusion protein of RSV, types A&B. Neutralizes. Pairs well in ELISA*. Functions in IFA.
<b>0651</b>	NA	IgG2a specific for the fusion protein of RSV, types A&B. Neutralizes. Pairs well in ELISA*. Functions in IFA.
<del>0661</del>	<del>0663</del>	<del>IgG1 specific for the nucleoprotein of RSV, performs well in indirect IFA. Pairs with #0604 in ELISA.</del>
0671	0673	IgG2a specific for the nucleoprotein of RSV, performs well in indirect IFA & ELISA
0681	NA	IgG2b specific for the fusion protein of RSV, functions in indirect IFA & ELISA. Neutralizes

**II. Purified Preparations**

Product No.'s  
0635  
0631  
**0641**  
**0651**  
~~0661~~  
0671  
0681

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  
NA  
NA  
NA  
NA  
~~0663~~  
0673  
NA

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: \*Best ELISA pairs (capture-conjugate): 0631-0635, 0631-0651, 0651-0635, 0641-0635, 0635-0651

These antibodies are non-reactive with: Influenza A & B, Adenovirus, Para 1-3, Measles, Mumps