..... ViroStat

P.O. Box 8522 Portland, Maine 04104

207-856-6620 207-856-6864 (fax)

Immunochemicals for

Infectious Disease

Research

www.ViroStat-Inc.com

MONOTOPE™ product information for

MERS Coronavirus

I. Monoclonal Antibody (Mouse) Specificity

Product No.'s		Ig class	
3871	NA	IgG1	Specific for the S1 domain of the spike protein of the MERS virus*. Functions in ELISA & IFA.
3872	NA	IgG2a	Specific for the S1 domain of the spike protein of the MERS virus*. Functions in ELISA & IFA.
3873		IgG2a	Specific for the S1 domain of the spike protein of the MERS virus*. Functions in ELISA & IFA.

II. Purified Preparations

Product No.'s 3871, 3872, 3873

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

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 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: * These antibodies do not cross react with the SARS Coronavirus.