

MONOTOPE™ product information for

Yellow Fever virus

I. Monoclonal Antibody (Mouse) Specificity

Product No.'s	Ig class	
3572 NA	IgG1	Specific to the NS1. Does not cross react with related viruses* Best ELISA capture.
3573 NA	IgG1	Specific to the NS1. Does not cross react with related viruses* Best ELISA conjugate.
3574 NA	IgG1	Specific to the NS1. Does not cross react with related viruses* 2nd Best ELISA conjugate.
3575 NA	IgG1	Specific to the NS1. Does not cross react with related viruses* 3rd Best ELISA conjugate.
3576 NA	IgG2a	Specific for Yellow Fever virus. Negative for other Flaviviruses. ELISA

II. Purified Preparations

Product No.'s	3572
	3573
	3574
	3575
	3576

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
	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.

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

Comments: * Mabys are non-reactive in IFA vs. TBE virus, WNV & JEV.