

MONOTOPE [™] product information for
Cytomegalovirus

I. Monoclonal Antibody (Mouse) Specificity

Product No.'s	Ig class	
0851	NA	IgG1 Specific for an immediate early antigen present early in the infectious cycle. Functions in IFA.
0826	NA	IgG1 Specific for glycoprotein B of CMV. Functions in IFA & ELISA. Nonreactive with HSV, VZV
0896	NA	IgG1 Specific for a structural late antigen (65 kDa). Functions in IFA, ELISA & western blot.
0897	NA	IgG1 Specific for the structural late antigen, ICP 36. Functions in IFA, ELISA & western blot.
0898	NA	IgG2a Specific for a structural late antigen (65 kDa). Functions in IFA, ELISA & western blot.
0811	0813	IgG1 Specific for glycoprotein B of CMV. Functions in IFA, ELISA & western blot.

II. Purified Preparations

Product No.'s
0851
0826
0896
0897
0898
0811

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 -20°C until ready for use. Avoid repeated freeze-thawing by storing multiple aliquots at -20°C. Working dilution must be determined by the user. Suggested starting ranges are 1:10-1:50 for IFA, blotting & IHC and 1:20-1:200 for ELISA. Custom conjugation of this antibody with HRP, alkaline phosphatase, biotin and fluorescein is available on a minimum order basis

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

III. Fluorescein Conjugates

Product No.'s
NA
NA
NA
NA
NA
0813

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 -20°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: