

MONOTOPE [™] product information for

Human Herpes Virus type 6

I. Monoclonal Antibody (Mouse) Specificity

Product No.'s	Ig class	
2001	NA	IgG1 Specific for the 140 KDa (capsid) polypeptide of HHV6. Functions in IP, IHC & IFA. Neg. WB.
2002	NA	IgG2b Specific for the 60/110 KDa envelope glycoprotein of HHV6. Functions in WB, IP & IFA & IHC.
2003	NA	IgG2 Specific for a 90 KDa glycoprotein of HHV6. Functions in IP, IHC & WB. Negative in IFA.
2004	NA	IgG1 Specific for a 200 KDa glycoprotein of HHV6. Functions in IFA.
2005	NA	IgG2 Specific for the 100 KDa polymerase of HHV6. Functions in WB, IP & IFA.
2006	NA	IgG1 Specific for a 37 KDa early antigen of HHV6. Functions in WB, IP & IFA.

II. Purified Preparations

Product No.'s
2001
2002
2003
2004
2005
2006

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
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 -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.

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Comments: