



RayBiotech, Inc.

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Certificate of Analysis and Data Sheet

Mouse Anti-Cytomegalovirus gH Late Neutralizing Antigen

With HRP-conjugated Secondary Antibody

Catalog No.
DS-MB-01132

Target Species
Viral

Isotype
IgG1

Preparation

Purified IgG prepared by affinity chromatography on Protein A
Immunogen: Cytomegalovirus extracts

Formulation

Product Type: Monoclonal Antibody
Product Form: Purified IgG - liquid
Buffer Solution: Phosphate buffered saline
Preservative Stabilizers: 0.09% Sodium Azide
Approx. Protein Concentrations: 1.0 mg/ml

Specificity

DS-MB-01132 is specific for *Cytomegalovirus* glycoprotein H (gH) late neutralizing antigen and reacts with MRC-5 infected cells. It does not react with HSV, VZV, EBV or uninfected cells.

Applications

Table Summary of antibody applications and working conditions

Options / Functions	YES	NO	Not determined	Recommended Work dilution or concentration
Immunohistology - Frozen	•			
ELISA	•			
Western Blotting			•	
Functional Assays	•			

Note: Other applications are not tested yet. Optimal dilutions should be determined.

**The products are furnished for LABORATORY RESEARCH USE ONLY.
Not for diagnostic or therapeutic use.**



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Secondary Antibody Applications

Options Functions	YES	NO	Not determined	Recommended Work dilution or concentration
Immunoassay (ELISA, Western blot)	•			1:5000-1:10000

Reference

1. Cranage, M.P. *et al.* (1988) Identification and expression of a human cytomegalovirus glycoprotein with homology to the Epstein-Barr virus BXLF2 product, varicella-zoster virus gpIII, and herpes simplex virus type 1 glycoprotein H. *J Virol.* 62: 1416-1422.
2. Hamilton, A.A. *et al.* (1997) A humanized antibody against human cytomegalovirus (CMV) gpUL75 (gH) for prophylaxis or treatment of CMV infections. *J Infect Dis.* 176: 59-68.

Storage

Store at +4°C or at -20°C if preferred.

Storage in frost-free freezers is not recommended.

This product should be stored undiluted. Avoid repeated freezing and thawing as this may denature the antibody. Should this product contain a precipitate we recommend microcentrifugation before use.

Shelf Life: 18 months from date of dispatch.

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