

Anti-Cytomegalovirus Glycoprotein B antibody [HCMV37] ab54023

[6 References](#) [1 图像](#)

概述

产品名称	Anti-Cytomegalovirus Glycoprotein B抗体[HCMV37]
描述	小鼠单克隆抗体[HCMV37] to Cytomegalovirus Glycoprotein B
宿主	Mouse
特异性	This antibody is specific for Cytomegalovirus glycoprotein B late neutralizing antigen. Reacts with MRC-5 infected cells but not uninfected cells.
经测试应用	适用于: ELISA, ICC/IF, IHC-Fr, Neutralising
种属反应性	与反应: Human cytomegalovirus
免疫原	Human CMV extracts
阳性对照	ICC/IF: monocyte-derived dendritic cells infected with Human cytomegalovirus
常规说明	<p>The Life Science industry has been in the grips of a reproducibility crisis for a number of years. Abcam is leading the way in addressing this with our range of recombinant monoclonal antibodies and knockout edited cell lines for gold-standard validation. Please check that this product meets your needs before purchasing.</p> <p>If you have any questions, special requirements or concerns, please send us an inquiry and/or contact our Support team ahead of purchase. Recommended alternatives for this product can be found below, along with publications, customer reviews and Q&As</p>

性能

形式	Liquid
存放说明	Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C long term.
存储溶液	Preservative: 0.09% Sodium azide Constituent: PBS
纯度	Protein A purified
克隆	单克隆
克隆编号	HCMV37
同种型	IgG2a

应用

The Abpromise guarantee **Abpromise™**承诺保证使用ab54023于以下的经测试应用

“应用说明”部分 下显示的仅为推荐的起始稀释度;实际最佳的稀释度/浓度应由使用者检定。

应用	Ab评论	说明
ELISA		
ICC/IF		
IHC-Fr		
Neutralising		

应用说明

ELISA: Use at an assay dependent dilution.

ICC/IF: Use at an assay dependent dilution (CMV infected cells).

IHC-Fr: Use at an assay dependent dilution (CMV infected cells).

Neut: Use at an assay dependent dilution.

Not yet tested in other applications.

Optimal dilutions/concentrations should be determined by the end user.

靶标

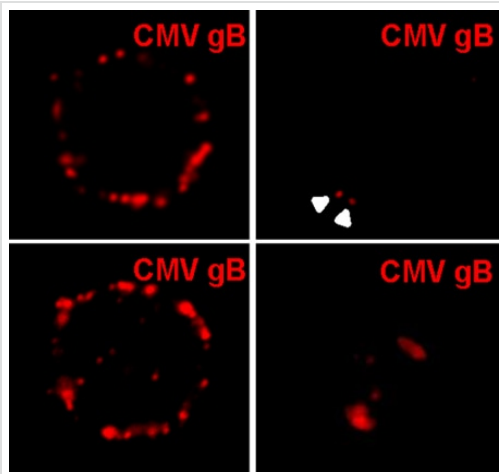
相关性

Human cytomegalovirus (HCMV) glycoprotein B (gB) is an abundant virion envelope protein that has been shown to be essential for the infectivity of HCMV. HCMV gB is also one of the most immunogenic virus-encoded proteins, and a significant fraction of virus neutralizing antibodies are directed at gB.

细胞定位

Virus envelope.

图片



Immunocytochemistry/ Immunofluorescence - Anti-Cytomegalovirus Glycoprotein B antibody [HCMV37] (ab54023)

Image from Haspot F et al., PLoS One. 2012;7(4):e34795. Epub 2012 Apr 9. Fig 2.; doi:10.1371/journal.pone.0034795; April 9, 2012, PLoS ONE 7(4): e34795.

ab54023, staining Cytomegalovirus Glycoprotein B in monocyte-derived dendritic cells infected with Human cytomegalovirus (VHL/E strain), cultured for 3 hours (left panels) and 24 hours (right panels), by Immunocytochemistry/ Immunofluorescence.

Cells were fixed with paraformaldehyde and permeabilized with 0.2% Triton X-100 in PBS for 10 minutes at room temperature.

Samples were incubated with primary antibody and an AlexaFluor®568-conjugated goat anti-mouse monoclonal IgG was used as the secondary antibody.

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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