

Anti-Dengue Virus NS1 glycoprotein antibody [DN2] ab41623

★★★★★ [2 Abreviews](#) [7 References](#) [2 图像](#)

概述

产品名称	Anti-Dengue Virus NS1 glycoprotein抗体[DN2]
描述	小鼠单克隆抗体[DN2] to Dengue Virus NS1 glycoprotein
宿主	Mouse
特异性	Recognises NS1 from both Dengue Virus 2 strains, 16681 and NGC.
经测试应用	适用于: Flow Cyt, WB, ICC/IF
种属反应性	与反应: Dengue virus 2
免疫原	Full length native protein purified from Dengue Virus 2 (16681) infected supernatant
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). Store at -20°C or -80°C. Avoid freeze / thaw cycle.
存储溶液	Preservative: 0.1% Proclin 150 Constituents: 10% BSA, 89.9% RPMI 1640
纯度	Tissue culture supernatant
克隆	单克隆
克隆编号	DN2
同种型	IgG1
轻链类型	kappa

应用

The Abpromise guarantee

Abpromise™ 承诺保证使用ab41623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。

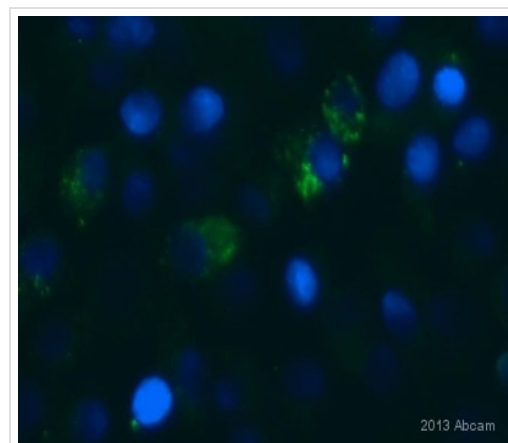
应用	Ab评论	说明
Flow Cyt	★★★★★ (1)	Use at an assay dependent concentration. ab170190 - Mouse monoclonal IgG1, is suitable for use as an isotype control with this antibody.
WB		1/50 - 1/100. Use under non reducing condition. Predicted molecular weight: 40 kDa.
ICC/IF	★★★★★ (1)	1/5 - 1/20.

靶标

相关性

NS1 is one of 7 Dengue Virus non-structural proteins which are thought to be involved in viral replication. NS1 exists as a monomer in its immature form but is rapidly processed in the endoplasmic reticulum to form a stable dimer. A small amount of NS1 remains associated with intracellular organelles where it is thought to be involved in viral replication. The rest of NS1 is found either associated with the plasma membrane or secreted as a soluble hexadimer. NS1 is essential for viral viability but its precise biological function is unknown. Antibodies raised in response to NS1 in viral infection can cross react with cell surface antigens on epithelial cells and platelets and this has been implicated in the development of Dengue Hemorrhagic fever.

图片



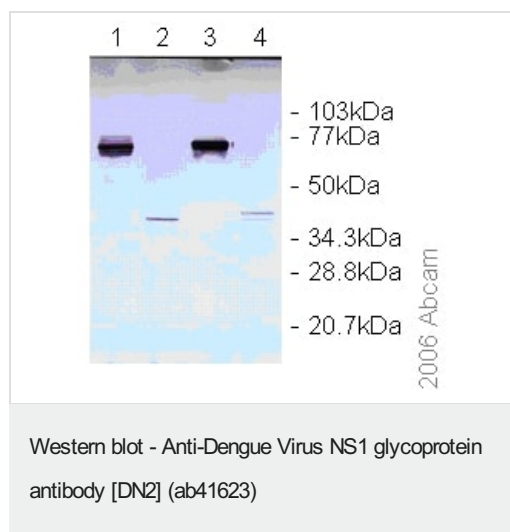
ab41623 staining Dengue Virus NS1 glycoprotein

(green) in Human BHK cells by ICC/IF

(Immunocytochemistry/immunofluorescence). Cells were fixed and permeabilized with CytoFix/CytoPerm and blocked with 5% serum for 1 hour at 25°C. Samples were incubated with primary antibody (1/20) for 16 hours at 4°C. An Alexa Fluor® 488-conjugated Goat anti-mouse IgG polyclonal (1/200) was used as the secondary antibody.

Immunocytochemistry/ Immunofluorescence - Anti-Dengue Virus NS1 glycoprotein antibody [DN2] (ab41623)

This image is courtesy of an Abreview submitted by Lee Gehrke



All lanes : Anti-Dengue Virus NS1 glycoprotein antibody [DN2] (ab41623)

Lane 1 : Dengue Virus 2 (NGC)infected C6/36 cell lysate (unheated)

Lane 2 : Dengue Virus 2 (NGC)infected C6/36 cell lysate (boiled)

Lane 3 : Dengue Virus 2 (16681)infected C6/36 cell lysate (unheated)

Lane 4 : Dengue Virus 2 (16681)infected C6/36 cell lysate (boiled)

Predicted band size: 40 kDa

Observed band size: 40,80 kDa

NS1 exists as a dimer (~80 kDa) in unheated samples but is dissociated into a monomer (~40 kDa) when samples are boiled. Ab41623 recognised both forms of NS1.

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