

Anti-Dengue Virus NS1 glycoprotein antibody [DN2] ab41623

★★★★★ [2 Abreviews](#) [7 References](#) [画像数 2](#)

製品の概要

製品名	Anti-Dengue Virus NS1 glycoprotein antibody [DN2]
製品の詳細	Mouse monoclonal [DN2] to Dengue Virus NS1 glycoprotein
由来種	Mouse
特異性	Recognises NS1 from both Dengue Virus 2 strains, 16681 and NGC.
アプリケーション	適用あり: Flow Cyt, WB, ICC/IF
種交差性	交差種: Dengue virus 2
免疫原	Full length native protein purified from Dengue Virus 2 (16681) infected supernatant
特記事項	<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>

製品の特性

製品の状態	Liquid
保存方法	Shipped at 4°C. Store at +4°C short term (1-2 weeks). Store at -20°C or -80°C. Avoid freeze / thaw cycle.
バッファー	Preservative: 0.1% Proclin 150 Constituents: 10% BSA, 89.9% RPMI 1640
精製度	Tissue culture supernatant
ポリ/モノ	モノクローナル
クローン名	DN2
アイソタイプ	IgG1
軽鎖の種類	kappa

アプリケーション

The Abpromise guarantee

Abpromise保証は、次のテスト済みアプリケーションにおけるab41623の使用に適用されます

アプリケーションノートには、推奨の開始希釈率がありますが、適切な希釈率につきましてはご検討ください。

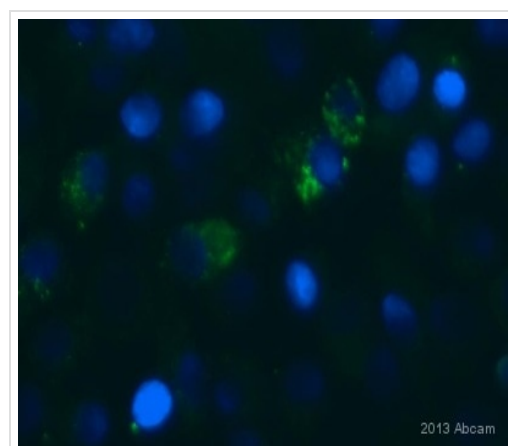
アプリケーション	Abreviews	特記事項
Flow Cyt	★★★★★ (1)	Use at an assay dependent concentration. ab170190 - Mouse monoclonal IgG1, is suitable for use as an isotype control with this antibody.
WB		1/50 - 1/100. Use under non reducing condition. Predicted molecular weight: 40 kDa.
ICC/IF	★★★★★ (1)	1/5 - 1/20.

ターゲット情報

関連性

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.

画像

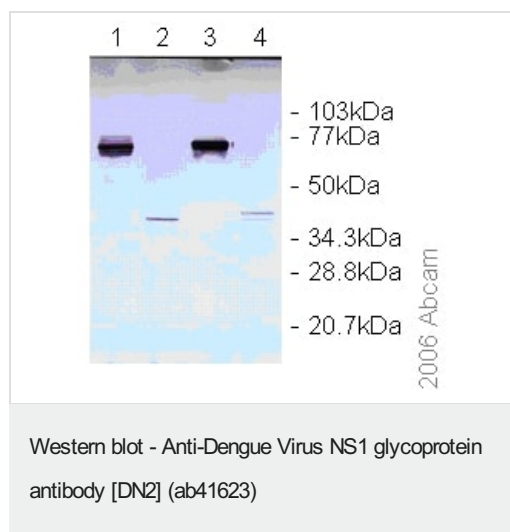


ab41623 staining Dengue Virus NS1 glycoprotein (green) in Human BHK cells by ICC/IF

(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.

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

Our Abpromise to you: Quality guaranteed and expert technical support

- Replacement or refund for products not performing as stated on the datasheet
- Valid for 12 months from date of delivery
- Response to your inquiry within 24 hours
- We provide support in Chinese, English, French, German, Japanese and Spanish
- Extensive multi-media technical resources to help you
- We investigate all quality concerns to ensure our products perform to the highest standards

If the product does not perform as described on this datasheet, we will offer a refund or replacement. For full details of the Abpromise, please visit <https://www.abcam.co.jp/abpromise> or contact our technical team.

Terms and conditions

- Guarantee only valid for products bought direct from Abcam or one of our authorized distributors