

Product datasheet

Anti-Dengue Virus NS1 glycoprotein antibody [DN1] ab41490

1 References 1 图像

概述

产品名称	Anti-Dengue Virus NS1 glycoprotein抗体[DN1]
描述	小鼠单克隆抗体[DN1] to Dengue Virus NS1 glycoprotein
宿主	Mouse
特异性	Recognises the non-structural protein NS1 from Dengue Virus 2 (16681 strain). Reacts only weakly with NS1 from Dengue Virus 2 NGC strain, use <a href="#">ab41623</a> for detection of Dengue Virus 2 NGC NS1.
经测试应用	适用于: WB, IP, 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 infected supernatant

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: 0.065% Sodium azide
纯度	Tissue culture supernatant
克隆	单克隆
克隆编号	DN1
同种型	IgG2a
轻链类型	kappa

应用

Our [Abpromise guarantee](#) covers the use of **ab41490** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

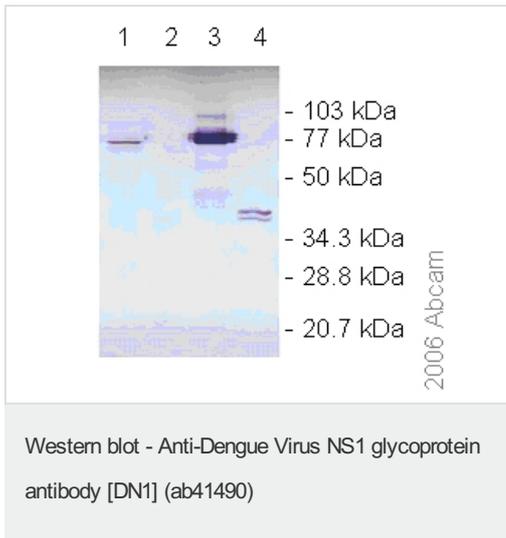
应用	Ab评论	说明
WB		1/50 - 1/100. Use under non reducing condition. Detects a band of approximately 40 kDa (predicted molecular weight: 40 kDa).
IP		Use at an assay dependent dilution.
ICC/IF		1/5 - 1/20.

## 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



**All lanes :** Anti-Dengue Virus NS1 glycoprotein antibody [DN1] (ab41490)

**Lane 1 :** Unheated lysate from C6/36 cells infected with Dengue Virus 2 (NGC serotype)

**Lane 2 :** Boiled lysate from C6/36 cells infected with Dengue Virus 2 (NGC serotype)

**Lane 3 :** Unheated lysate from C6/36 cells infected with Dengue Virus 2 (16681 serotype)

**Lane 4 :** Boiled lysate from C6/36 cells infected with Dengue Virus 2 (16681 serotype)

**Predicted band size:** 40 kDa

**Observed band size:** 40,80 kDa

NS1 is present as a dimer (~80 kDa) in unheated samples but dissociates into monomers (~40 kDa) if samples are boiled before loading on the gel. Ab41490 recognises both forms of NS1.

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