

Anti-Vaccinia Virus antibody ab26853

1 图像

概述	
产品名称	Anti-Vaccinia Virus抗体
描述	兔多克隆抗体to Vaccinia Virus
宿主	Rabbit
经测试应用	适用于: ELISA
种属反应性	与反应: Vaccinia virus
免疫原	Synthetic peptide corresponding to Vaccinia Virus (N terminal). Containing amino acids on the predicted N terminal of fusion protein (A27L) in vaccinia virus.
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&amp;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	Constituent: Whole serum
纯度	Whole antiserum
克隆	多克隆
同种型	IgG
应用	

The Abpromise guarantee      **Abpromise™**承诺保证使用ab26853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		1/5000.

## 靶标

**相关性**

Vaccinia virus is an Orthopoxvirus, containing double stranded DNA. Fusion protein plays an important role in the entry of enveloped virus into cells. As vaccinia virus has a wide host range, it is conceivable that certain cellular components that are ubiquitously expressed on the cell mediate virus infection. The study of the entry process, attachment, fusion and the proteins and receptors involved is complex. During vaccinia virus infection, the fusion process is attributed to the action of the 14KDa protein (A27L). The N terminus of this protein recognises heparan sulfate on the cell surface. It interacts with the negative charges of sulfates of glycosaminoglycans (GAGs). Therefore, antibodies that recognize this 14KDa protein are able to neutralize vaccinia virus infection and enable identification other viral and cellular proteins which participate in the vaccinia virus entry process.

## 图片

Dilution	Pre-immune bleed	Purified polyclonal
100	0.272	3.276
1000	0.111	2.676
10000	0.064	1.048
100000	0.054	0.207
1000000	0.055	0.083

ELISA - Anti-Vaccinia Virus antibody (ab26853)

ELISA method:

Antigen is coated on EIA strips at 1µg per well.

Add 200µl blocking buffer then wash wells with PBST.

Antiserum or peptide specific purified antibody is diluted in series as  $10^2 \sim 10^6$  folds.

Incubate antibody for 1 hour.

Wash unbound antibodies and add HRP-conjugated anti-rabbit IgG.

Wash plates and add substrate to develop color for 5 minutes.

Read absorbance at 650nm. Amount of colour is directly proportional to amount of antibodies.

Antibody titer is defined as >0.1 of absorbance of antiserum minus pre-immune serum.

Titer ~ 1/437000.

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

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#### **Terms and conditions**

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