

Anti-SV40 VP1 antibody ab53977

★★★★★ [2 Abreviews](#) [16 References](#) [4 图像](#)

概述

产品名称	Anti-SV40 VP1抗体
描述	兔多克隆抗体to SV40 VP1
宿主	Rabbit
经测试应用	适用于: WB, IP, ICC/IF
种属反应性	与反应: Simian Virus 40
免疫原	Recombinant fusion protein
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 or -80°C. Avoid freeze / thaw cycle.
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ab53977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。

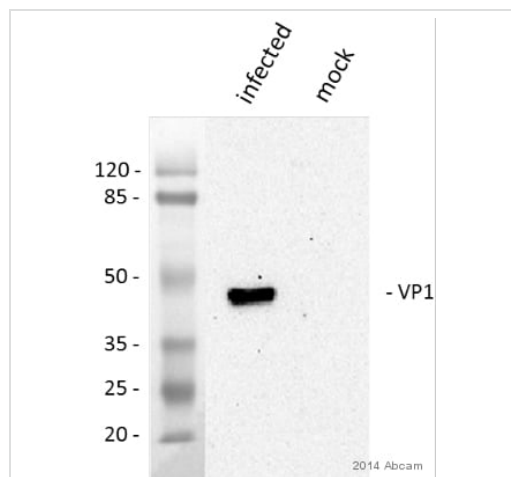
应用	Ab评论	说明
WB	★★★★★ (1)	1/10000. Predicted molecular weight: 40 kDa.
IP		Use at an assay dependent dilution.
ICC/IF		1/1000 - 1/5000.

靶标

相关性

VP1 is one of three simian virus 40 (SV40) capsid proteins. VP1 assembles into pentamers which have a central cavity that contains a copy of one of the other capsid proteins, VP2 or VP3. This complex is then imported into the cell nucleus. Here, 72 of the complexes assemble around the newly synthesised viral genome to form the icosahedral capsid.

图片



Western blot - Anti-SV40 VP1 antibody (ab53977)

All lanes : Anti-SV40 VP1 antibody (ab53977) at 1/5000 dilution

Lane 1 : BK virus infected 293TT whole cell lysate

Lane 2 : Mock infected 293TT whole cell lysate

Lysates/proteins at 15 µg per lane.

Secondary

All lanes : HRP-conjugated goat anti-rabbit IgG polyclonal at 1/5000 dilution

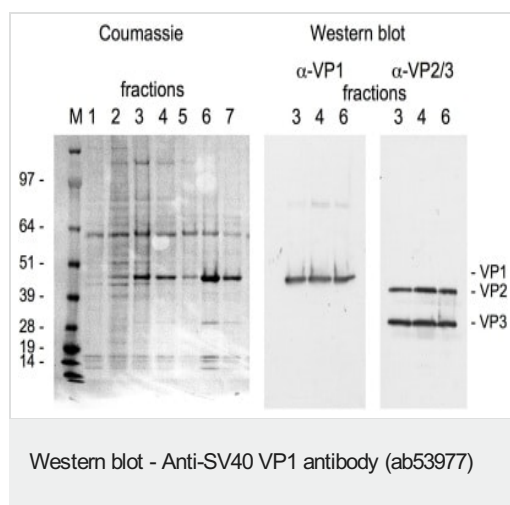
Developed using the ECL technique.

Performed under reducing conditions.

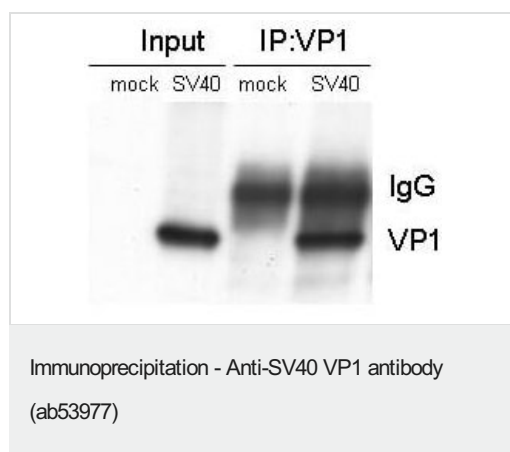
Predicted band size: 40 kDa

Observed band size: 45 kDa

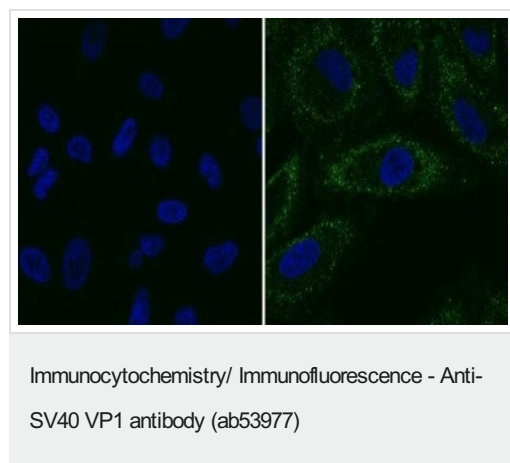
Exposure time: 4 minutes



SV40 was ultracentrifuged on CsCl-gradient, fractions were collected from the top of the tube, run on PAGE, and the gel was stained with Coumassie. Equal amounts of SV40 from fractions 3,4 and 6 were run on PAGE, and the gel was stained with Coumassie. Equal amounts of SV40 from fraction 3,4 and 6 were run on PAGE and analysed by Western blot with α -VP1 and α -VP2/3



ab53977 detecting VP1 by Immunoprecipitation. Mock or SV40-transfected CV1 cells were lysed with RIPA buffer. 100 μ g total protein from each lysate was pre-cleared for 1 hour and then immunoprecipitated with alpha-VP1 1/1000 overnight at 4°C. Input and IP samples were run on an SDS gel and detected with alpha-VP1 diluted 1/10,000 using the ECL method.



ab53977 at 1/1000 dilution, staining SV40 VP1 in transfected cells. Cells were transfected with SV40 or mock-transfected, fixed for 5 minutes after adsorption in 100% methanol, blocked and stained with the antibody for 1 hour at room temperature. Cells were washed and stained with an Alexa Fluor® 488-conjugated anti-rabbit antibody. DAPI was used to counterstain the nuclei.

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.cn/abpromise> or contact our technical team.

Terms and conditions

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