

### Anti-SV40 VP1 antibody ab53977

★★★★★ [2 Abreviews](#) [16 References](#) [画像数 4](#)

#### 製品の概要

製品名	Anti-SV40 VP1 antibody
製品の詳細	Rabbit polyclonal to SV40 VP1
由来種	Rabbit
アプリケーション	<b>適用あり:</b> WB, IP, ICC/IF
種交差性	<b>交差種:</b> Simian Virus 40
免疫原	Recombinant fusion protein
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&amp;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). Upon delivery aliquot. Store at -20°C or -80°C. Avoid freeze / thaw cycle.
バッファー	Constituent: Whole serum
精製度	Whole antiserum
ポリ/モノ	ポリクローナル
アイソタイプ	IgG

#### 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ab53977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。

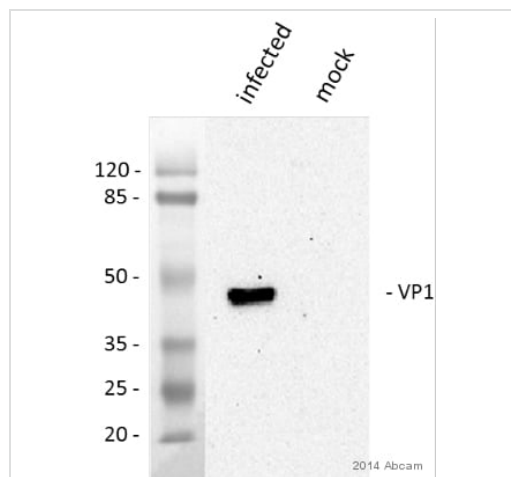
アプリケーション	Abreviews	特記事項
WB	★★★★★ (1)	1/10000. Predicted molecular weight: 40 kDa.
IP		Use at an assay dependent dilution.
ICC/IF		1/1000 - 1/5000.

## ターゲット情報

### 関連性

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.

## 画像



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

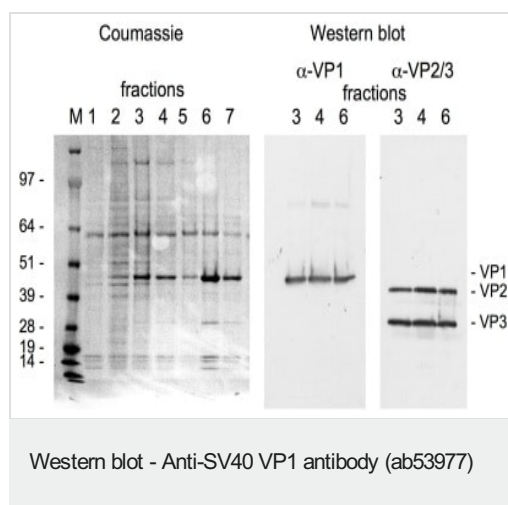
Developed using the ECL technique.

Performed under reducing conditions.

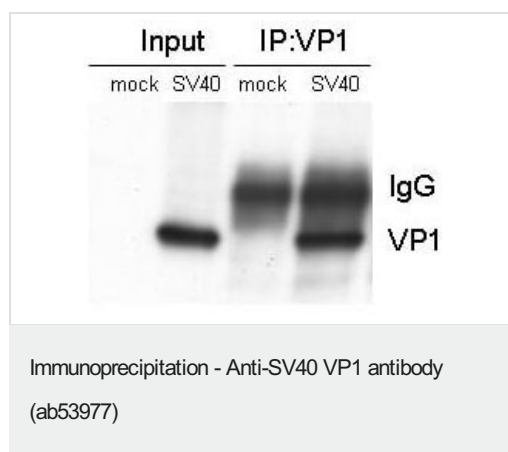
**Predicted band size:** 40 kDa

**Observed band size:** 45 kDa

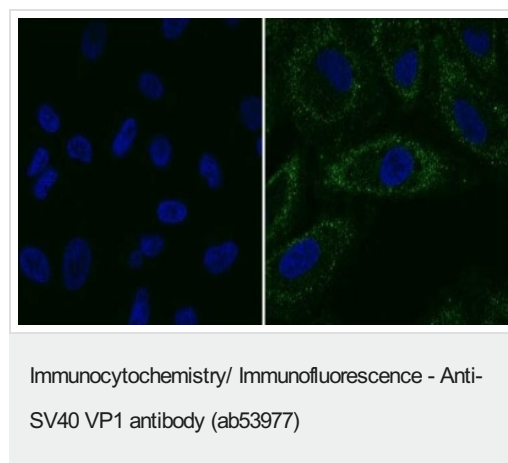
**Exposure time:** 4 minutes



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



ab53977 detecting VP1 by Immunoprecipitation. Mock or SV40-transfected CV1 cells were lysed with RIPA buffer. 100  $\mu$ 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"

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