

### Anti-V5 tag antibody [SV5-Pk1] ab27671

★★★★★ [11 Abreviews](#) [129 References](#) [2 Images](#)

#### Overview

<b>Product name</b>	Anti-V5 tag antibody [SV5-Pk1]
<b>Description</b>	Mouse monoclonal [SV5-Pk1] to V5 tag
<b>Host species</b>	Mouse
<b>Tested applications</b>	<b>Suitable for:</b> Flow Cyt, IHC-Fr, ELISA, IP, WB, RIA
<b>Species reactivity</b>	<b>Reacts with:</b> Species independent
<b>Immunogen</b>	Tissue, cells or virus corresponding to V5 tag. Paramyxovirus Simian-Virus 5 (SV5)
<b>Epitope</b>	ab27671 recognises a small epitope, termed Pk, present on the P/V proteins of the paramyxovirus, SV5.
<b>Positive control</b>	WB: Transfected NIH/3T3 and COS-7 cell lysates.
<b>General notes</b>	<p>ab27671 has been used to detect recombinant proteins, some of which include transmembrane and secreted proteins, which have been tagged with the V5 epitope.</p> <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>

#### Properties

<b>Form</b>	Liquid
<b>Storage instructions</b>	Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C long term.
<b>Storage buffer</b>	<p>pH: 7.40</p> <p>Preservative: 0.09% Sodium azide</p> <p>Constituent: PBS</p>
<b>Purity</b>	Protein A purified
<b>Purification notes</b>	This antibody was purified from tissue culture supernatant by affinity chromatography.
<b>Primary antibody notes</b>	Ab27671 has been used to detect recombinant proteins, some of which include transmembrane

	and secreted proteins, which have been tagged with the V5 epitope.
<b>Clonality</b>	Monoclonal
<b>Clone number</b>	SV5-Pk1
<b>Myeloma</b>	Sp2/0-Ag14
<b>Isotype</b>	IgG2a

## Applications

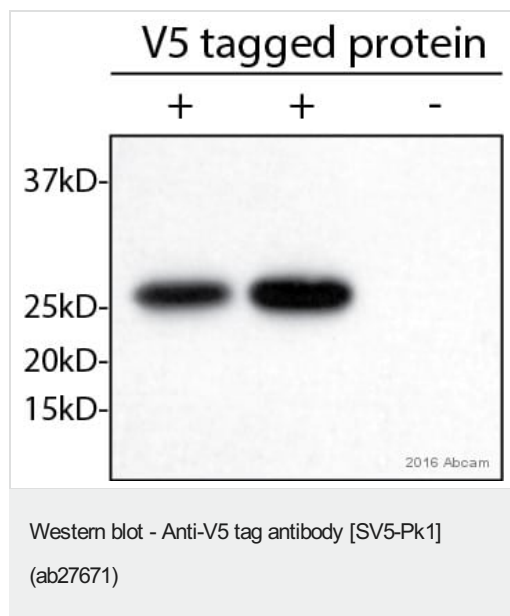
**The Abpromise guarantee** Our **Abpromise guarantee** covers the use of ab27671 in the following tested applications. The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
Flow Cyt		Use at an assay dependent concentration.
IHC-Fr		Use at an assay dependent concentration.
ELISA		1/1000 - 1/5000.
IP		Use at an assay dependent concentration.
WB	★★★★★ (8)	1/1000 - 1/5000.
RIA		Use at an assay dependent concentration.

## Target

**Relevance** The V5 epitope tag is derived from a small epitope (Pk) present on the P and V proteins of the paramyxovirus of simian virus 5 (SV5). The V5 tag is usually used with all 14 amino acids (GKPIPNPLLGLDST), although it has also been used with a shorter 9 amino acid sequence (IPNPLLGLD).

## Images



**All lanes :** Anti-V5 tag antibody [SV5-Pk1] (ab27671) at 1/1000 dilution

**Lanes 1-2 :** Transfected NIH/3T3 cell lysate

**Lane 3 :** Not transfected NIH/3T3 cell lysate

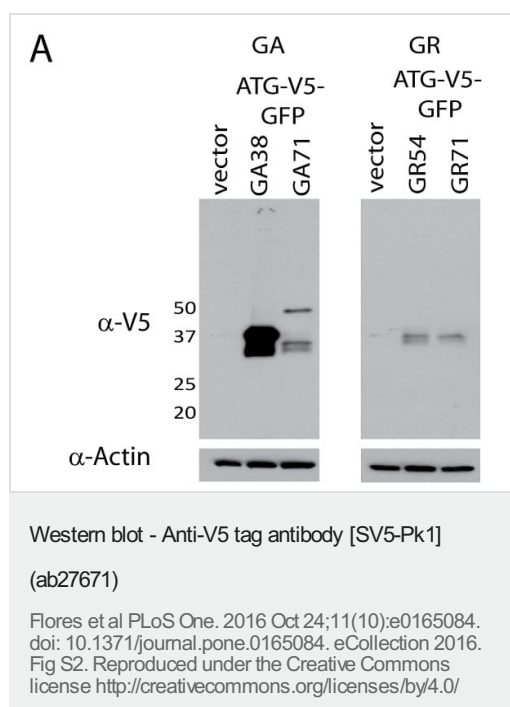
#### Secondary

**All lanes :** HRP-conjugated rabbit polyclonal Anti-mouse

Developed using the ECL technique.

**Exposure time:** 1 second

Cells were transfected with a V5-tagged HSPB8 (MW:~25kD) plasmid, which expressed a V5-tagged protein with molecular weight of approximately 28kD.



#### Characterization of new C9orf72 dipeptide repeat antibodies.

Rabbit polyclonal antibodies were generated against the sense strand-derived DPRs GA and GR.

**(A)** Western blot of lysates from COS-7 (African green monkey kidney fibroblast-like cell line) cells transfected with the indicated vectors. Blots were serially probed with the indicated DPR antibody, then ab27671 and then actin as a loading control.

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