

### Anti-HIVEP2 antibody [2418C2a] ab70599

[1 References](#) [1 Image](#)

#### Overview

<b>Product name</b>	Anti-HIVEP2 antibody [2418C2a]
<b>Description</b>	Mouse monoclonal [2418C2a] to HIVEP2
<b>Host species</b>	Mouse
<b>Tested applications</b>	<b>Suitable for:</b> WB
<b>Species reactivity</b>	<b>Reacts with:</b> Recombinant fragment
<b>Immunogen</b>	Recombinant fragment of human HIVEP2 from near the C terminus.
<b>Positive control</b>	Recombinant human HIVEP2.
<b>General notes</b>	<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. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.
<b>Storage buffer</b>	<p>pH: 7.40</p> <p>Preservative: 0.05% Sodium azide</p> <p>Constituents: 0.1136% Dibasic monohydrogen sodium phosphate, 1% BSA, 0.03% Potassium phosphate, 0.812% Sodium chloride, 0.1312% Sodium phosphate, 0.0225% Potassium chloride, 0.0204% Monobasic dihydrogen potassium phosphate</p>
<b>Purity</b>	Protein G purified
<b>Purification notes</b>	ab70599 was purified using protein G column chromatography from culture supernatant of hybridoma cultured in a medium containing bovine IgG-depleted (approximately 95%) fetal bovine serum and filtered through a 0.22µm membrane.
<b>Clonality</b>	Monoclonal
<b>Clone number</b>	2418C2a

Isotype

IgG1

## Applications

### The Abpromise guarantee

Our **Abpromise guarantee** covers the use of ab70599 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
WB		

### Application notes

Dot: Use at an assay dependent dilution.

WB: Use at an assay dependent dilution. Detects bands of approximately 35 and 39 kDa (predicted molecular weight: 269 kDa).

Not yet tested in other applications.

Optimal dilutions/concentrations should be determined by the end user.

## Target

### Function

This protein specifically binds to the DNA sequence 5'-GGGACTTTCC-3' which is found in the enhancer elements of numerous viral promoters such as those of SV40, CMV, or HIV1. In addition, related sequences are found in the enhancer elements of a number of cellular promoters, including those of the class I MHC, interleukin-2 receptor, somatostatin receptor II, and interferon-beta genes. It may act in T-cell activation.

### Tissue specificity

Expressed in brain and skeletal muscle.

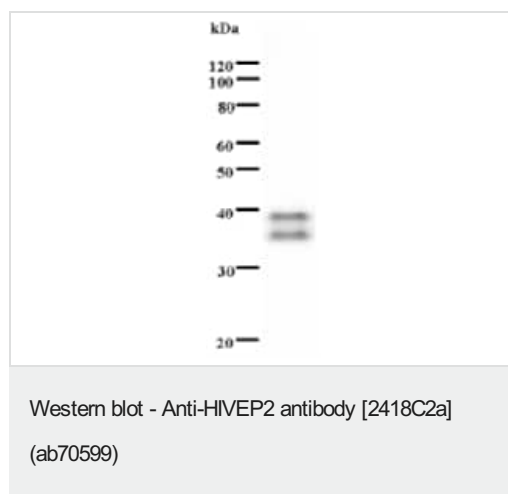
### Sequence similarities

Contains 4 C2H2-type zinc fingers.

### Cellular localization

Nucleus.

## Images



Anti-HIVEP2 antibody [2418C2a] (ab70599) + immunising recombinant protein

**Predicted band size:** 269 kDa

**Observed band size:** 35,39 kDa

The molecular weight of the bands on the western blot does not correspond to the molecular weight of the natural protein because only a fragment of the protein was used.

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

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