

## Product datasheet

# Anti-Hsp40 antibody ab69402

★★★★★ [5 Abreviews](#) [13 References](#) [1 Image](#)

### Overview

---

<b>Product name</b>	Anti-Hsp40 antibody
<b>Description</b>	Rabbit polyclonal to Hsp40
<b>Host species</b>	Rabbit
<b>Specificity</b>	This antibody detects a ~40 kDa protein, corresponding to the apparent molecular mass of Hsp40 on SDS-PAGE immunoblots. It does not detect DnaJ in E.coli lysates.
<b>Tested applications</b>	<b>Suitable for:</b> WB
<b>Species reactivity</b>	<b>Reacts with:</b> Mouse, Rat, Human, Recombinant fragment <b>Does not react with:</b> Escherichia coli
<b>Immunogen</b>	Recombinant human Hsp40
<b>Positive control</b>	WB: Heat shocked HeLa cells and 3T3 cells, PC-12 cells.
<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 or -80°C. Avoid repeated freeze / thaw cycles.
<b>Storage buffer</b>	Preservative: 0.09% Sodium azide Constituents: 50% Glycerol (glycerin, glycerine), PBS
<b>Purity</b>	Protein A purified
<b>Clonality</b>	Polyclonal
<b>Isotype</b>	IgG

### Applications

## Applications

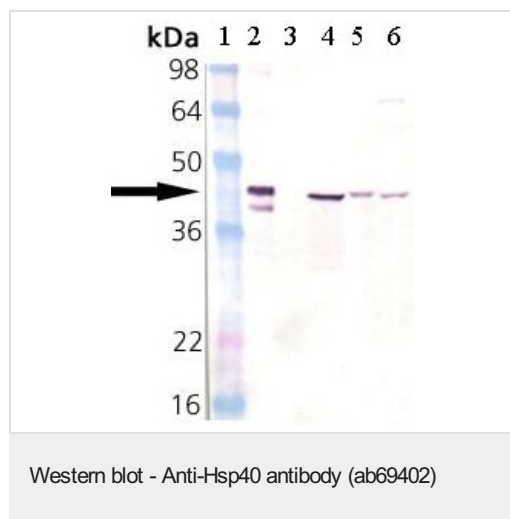
**The Abpromise guarantee** Our **Abpromise guarantee** covers the use of ab69402 in the following tested applications. The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
WB	★★★★★ (2)	1/10000. Detects a band of approximately 40 kDa (predicted molecular weight: 38 kDa).

## Target

<b>Function</b>	Interacts with HSP70 and can stimulate its ATPase activity. Stimulates the association between HSC70 and HIP.
<b>Sequence similarities</b>	Contains 1 J domain.
<b>Cellular localization</b>	Cytoplasm. Nucleus. Nucleus > nucleolus. Translocates rapidly from the cytoplasm to the nucleus, and especially to the nucleoli, upon heat shock.

## Images



**All lanes** : Anti-Hsp40 antibody (ab69402) at 1/1000 dilution

**Lane 1** : Molecular weight marker

**Lane 2** : Hsp40 recombinant protein

**Lane 3** : DnaJ recombinant protein

**Lane 4** : Cell lysates prepared from heat shocked hela cells

**Lane 5** : Cell lysates prepared from heat shocked 3T3 cells

**Lane 6** : Cell lysates prepared from PC-12 cells

**Predicted band size:** 38 kDa

**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.com/abpromise> or contact our technical team.

## **Terms and conditions**

---

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