

Datasheet: VMA00600

**BATCH NUMBER 170508**

<b>Description:</b>	HUMAN ANTI Hsc70
<b>Specificity:</b>	Hsc70
<b>Format:</b>	Purified
<b>Product Type:</b>	PrecisionAb Monoclonal
<b>Isotype:</b>	HuCAL Fab bivalent
<b>Quantity:</b>	100 µl

## Product Details

### Applications

This product has been reported to work in the following applications. This information is derived from testing within our laboratories, peer-reviewed publications or personal communications from the originators. Please refer to references indicated for further information. For general protocol recommendations, please visit [www.bio-rad-antibodies.com/protocols](http://www.bio-rad-antibodies.com/protocols).

	Yes	No	Not Determined	Suggested Dilution
Western Blotting	■			1/1000

**The PrecisionAb label is reserved for antibodies that meet the defined performance criteria within Bio-Rad's ongoing antibody validation programme. Click [here](#) to learn how we validate our PrecisionAb range.** Where this product has not been tested for use in a particular technique this does not necessarily exclude its use in such procedures. Further optimization may be required dependent on sample type.

<b>Target Species</b>	Human
<b>Species Cross Reactivity</b>	<p>Reacts with: Mouse, Rat</p> <p><b>N.B.</b> Antibody reactivity and working conditions may vary between species. Cross reactivity is derived from testing within our laboratories, peer-reviewed publications or personal communications from the originators. Please refer to references indicated for further information.</p>
<b>Product Form</b>	Purified IgG - liquid
<b>Preparation</b>	Human monoclonal antibody purified by metal chelate affinity chromatography from <i>E. coli</i> extract
<b>Buffer Solution</b>	Phosphate buffered saline
<b>Preservative Stabilisers</b>	0.09% Sodium Azide (NaN <sub>3</sub> )

<b>Immunogen</b>	<i>E. coli</i> -derived recombinant human Hsc70 protein (aa 1-646)
<b>External Database Links</b>	<b>UniProt:</b> <a href="#">P11142</a> <a href="#">Related reagents</a>  <b>Entrez Gene:</b> <a href="#">3312</a> HSPA8 <a href="#">Related reagents</a>
<b>Synonyms</b>	HSC70, HSP73, HSPA10
<b>Fusion Partners</b>	XYZ
<b>Specificity</b>	<p><b>Human anti Human Hsc70 antibody</b> recognizes the heat shock protein family A (Hsp70) member 8 also known as LPS-associated protein 1, N-myristoyltransferase inhibitor protein 71, constitutive heat shock protein 70 or heat shock cognate protein 54.</p> <p>This gene encodes a member of the heat shock protein 70 family, which contains both heat-inducible and constitutively expressed members. This protein belongs to the latter group, which are also referred to as heat-shock cognate proteins. It functions as a chaperone, and binds to nascent polypeptides to facilitate correct folding. It also functions as an ATPase in the disassembly of clathrin-coated vesicles during transport of membrane components through the cell. Alternatively spliced transcript variants encoding different isoforms have been found for this gene (provided by RefSeq, Aug 2011).</p> <p>Human anti Human Hsc70 antibody detects a band of 73 kDa. The antibody has been extensively validated for western blotting using whole cell lysates.</p>
<b>Western Blotting</b>	Human anti Hsc70 antibody detects a band of approximately 73 kDa in K562 cell lysates
<b>Storage</b>	Store undiluted at -20°C, avoiding repeated freeze thaw cycles
<b>Guarantee</b>	12 months from date of despatch
<b>Acknowledgements</b>	PrecisionAb is a trademark of Bio-Rad Laboratories.
<b>Health And Safety Information</b>	Material Safety Datasheet documentation #10040 available at: <a href="https://www.bio-rad-antibodies.com/SDS/VMA00600">https://www.bio-rad-antibodies.com/SDS/VMA00600</a> Antibody (10040)
<b>Regulatory</b>	For research purposes only

## Related Products

### Recommended Secondary Antibodies

Goat Anti Human IgG F(ab')<sub>2</sub> (STAR126...) [HRP](#)

To find a batch/lot specific datasheet for this product, please use our online search tool at: [bio-rad-antibodies.com/datasheets](https://www.bio-rad-antibodies.com/datasheets)

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**Printed on 13 Aug 2023**

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