

Datasheet: VMA00600

Description:	HUMAN ANTI Hsc70
Specificity:	Hsc70
Format:	Purified
Product Type:	PrecisionAb Monoclonal
Isotype:	HuCAL Fab bivalent
Quantity:	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.

	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.

Target Species	Human
Species Cross Reactivity	Reacts with: Mouse, Rat N.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.
Product Form	Purified IgG - liquid
Preparation	Human monoclonal antibody purified by metal chelate affinity chromatography from <i>E. coli</i> extract.
Source	E.coli
Buffer Solution	Phosphate buffered saline.
Preservative Stabilisers	0.09% Sodium Azide (NaN ₃).

Immunogen	<i>E. coli</i> -derived recombinant human Hsc70 protein (aa 1-646)
External Database Links	UniProt: P11142 Related reagents Entrez Gene: 3312 HSPA8 Related reagents
Synonyms	HSC70, HSP73, HSPA10
Fusion Partners	XYZ
Specificity	<p>Human anti Human Hsc70 antibody 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>
Western Blotting	Human anti Hsc70 antibody detects a band of approximately 73 kDa in K562 cell lysates.
Storage	<p>This product is shipped at ambient temperature. It is recommended to aliquot and store at -20°C on receipt. When thawed, aliquot the sample as needed. Keep aliquots at 2-8°C for short term use (up to 4 weeks) and store the remaining aliquots at -20°C.</p> <p>Avoid repeated freezing and thawing as this may denature the protein. Storage in frost-free freezers is not recommended.</p>
Guarantee	12 months from date of despatch.
Acknowledgements	PrecisionAb is a trademark of Bio-Rad Laboratories.
Health And Safety Information	Material Safety Datasheet documentation #10040 available at: https://www.bio-rad-antibodies.com/SDS/VMA00600 Antibody (10040)
Regulatory	For research purposes only.

Related Products

Recommended Secondary Antibodies

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

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

'M421430:230706'

Printed on 13 Aug 2023

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