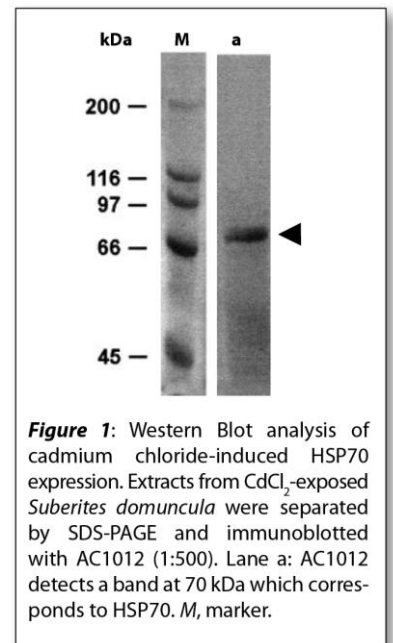


Data Sheet

HSP70 (*GEODIA CYDONIUM*) ANTIBODY, MONOCLONAL

Catalog no.:	AC1012.1 / AC1012.2
Immunogen:	HSP70 from <i>Geodia cydonium</i>
Synonyms:	Heat shock protein 70
Swiss-Prot No:	Q24952
Gene Information:	Gene Name: hsp70
Host:	Mouse Balb/c
Clone no.:	IVF5
Isotype:	IgG ₁
Matrix:	Cell culture supernatant, Protein G purified, 50 mM TRIS pH 7.4
Specificity:	HSP70
Contents:	10 µl / 100 µl (lyophilized) Resuspend in 10 µl / 100 µl aqua bidest.
Known applications:	ELISA (1:5000) ³ , Western Blot (1:500) ^{2, 3} , immunoprecipitation, immunohistochemistry (1:50)



This antibody has not been tested for use in all applications. This does not necessarily exclude its use for non-tested procedures. The stated dilutions are recommendations only. We suggest that the applicant titrates the antibody in his/her system using appropriate negative/positive controls.

Store at:	2-8 °C (lyophilized); - 20 °C (dissolved) Repeated thawing and freezing must be avoided
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References:	<ol style="list-style-type: none"> 1. Koziol C, Kruse M, Wagner-Hülsmann C, Pancer Z, Batel R and Müller WEG (1996). Cloning of the heat-inducible stress protein (hsp70) from the marine sponge <i>Geodia cydonium</i>. <i>Canad Technical Rep Fisheries Aquatic Sci</i> 2093: 104-109. 2. Schröder HC, Hassanein HMA, Lauenroth S, Koziol C, Mohamed TA-AA, Lacorn M, Steinhart H, Batel R and Müller WEG (1999). Induction of DNA strand breaks and expression of HSP70 and GRP78 homolog by cadmium in the marine sponge <i>Suberites domuncula</i>. <i>Arch. Environ. Contam. Toxicol.</i> 36: 47-55. 3. Wiens M, Koziol C, Hassanein HMA, Batel R, Schröder HC and Müller WEG (1998). Induction of gene expression of the chaperones 14-3-3 and HSP70 by PCB118 (2,3',4,4',5-pentachlorobiphenyl) in the marine sponge <i>Geodia cydonium</i>: novel biomarkers for polychlorinated biphenyls. <i>Mar. Ecol. Prog. Ser.</i> 165: 247-257.
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Last updated on: 11 August 2016





Antibodies

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