**HSP70 (GEODIA CYDONIUM) ANTIBODY, MONOCLONAL**

**Catalog no.:** AC1012.1 / AC1012.2  
**Immunogen:** HSP70 from Geodia cydonium  
**Synonyms:** Heat shock protein 70  
**Swiss-Prot No:** Q24952  
**Gene Information:** Gene Name: hsp70  
**Host:** Mouse Balb/c  
**Clone no.:** IVF5  
**Isotype:** IgG1  
**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 bideist.  
**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  
**References:**  
**Last updated on:** 11 August 2016

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**Figure 1:** Western Blot analysis of cadmium chloride-induced HSP70 expression. Extracts from CdCl₄-exposed Suberites domuncula were separated by SDS-PAGE and immunoblotted with AC1012 (1:500). Lane a: AC1012 detects a band at 70 kDa which corresponds to HSP70. M, marker.
For research use only

Publishing research using AC1012? Please let us know so that we can cite your publication as a reference.