

Product Datasheet

HSP70/HSC70 Antibody (orb1822511)

Catalog Number	orb1822511
Category	Antibodies
Description	Mouse Anti-Human HSP70/HSC70 Monoclonal IgG1
Target	HSP70/HSC70
Clonality	Monoclonal
Species/Host	Mouse
Isotype	IgG1
Conjugation	Unconjugated
Reactivity	Bovine, Canine, Drosophila, Fish, Frog, Gallus, Guinea pig, Hamster, Human, Monkey, Mouse, Other, Plant, Porcine, Rabbit, Rat, Sheep
Concentration	1 mg/ml
Buffer/Preservatives	PBS pH 7.2, 50% glycerol, 0.09% sodium azide *Storage buffer changes when conjugated
Purification	Protein G Purified
Immunogen	Human Recombinant HSP70/HSC70
UniProt ID	P0DMV9, P0DMV8
MW	73kDa
Tested applications	FC, ICC, IEM, IF, IHC, IP, WB
Dilution range	WB (1:1000), IHC (1:100), ICC/IF (1:50); optimal dilutions for assays should be determined by the user.

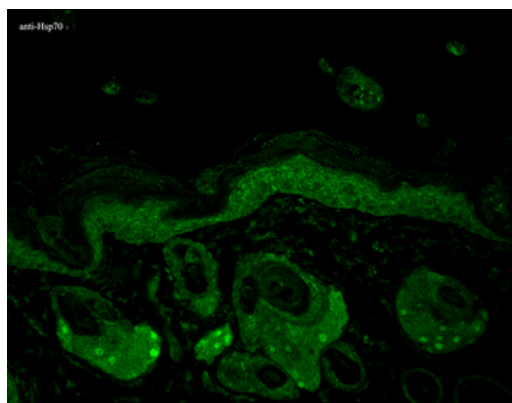
Biorbyt Ltd.

7 Signet Court, Swann's Road,
Cambridge, CB5 8LA, United Kingdom
Email: info@biorbyt.com, support@biorbyt.com
Phone: [+44 \(0\) 1223 859-353](tel:+44(0)1223859353) | Fax: [+1 \(415\) 651-8558](tel:+1(415)651-8558)

Biorbyt LLC.

68 TW Alexander Drive,
Durham, NC, 27713, United States
Email: info@biorbyt.com, support@biorbyt.com
Phone: [+1 \(415\) 906-5211](tel:+1(415)906-5211) | Fax: [+1 \(415\) 651-8558](tel:+1(415)651-8558)

Application notes	1 µg/ml of SMC-104 was sufficient for detection of HSP70/HSC70 in 20 µg of heat shocked HeLa cell lysate by colorimetric immunoblot analysis using Goat anti-mouse IgG:HRP as the secondary antibody.
Clone Number	N27F3-4
Storage	Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.
Note	For research use only
Entrez	3303
NCBI	NP_005336.3
Expiration Date	12 months from date of receipt.



Immunohistochemistry analysis using Mouse Anti-Hsp70 Monoclonal Antibody, Clone N27F3-4. Tissue: backskin. Species: Mouse. Fixation: Bouin's Fixative and paraffin-embedded. Primary Antibody: Mouse Anti-Hsp70 Monoclonal Antibody at 1:100 for 1 hour at RT. Secondary Antibody: FITC Goat Anti-Mouse (green) at 1:50 for 1 hour at RT. Localization: Epidermis.



Western Blot analysis of Human Cell lysates showing detection of Hsp70 protein using Mouse Anti-Hsp70 Monoclonal Antibody, Clone N27F3-4. Load: 15 µg. Block: 1.5% BSA for 30 minutes at RT. Primary Antibody: Mouse Anti-Hsp70 Monoclonal Antibody at 1:1000 for 2 hours at RT. Secondary Antibody: Sheep Anti-Mouse IgG: HRP for 1 hour at RT.

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68 TW Alexander Drive,
Durham, NC, 27713, United States
Email: info@biorbyt.com, support@biorbyt.com
Phone: [+1 \(415\) 906-5211](tel:+1(415)9065211) | Fax: [+1 \(415\) 651-8558](tel:+1(415)6518558)