

Anti-HSP90 Hsp90ab1 Antibody (Monoclonal, AC-16)

Catalog Number: MA1051

About Hsp90ab1

Heat Shock Protein 90 (HSP70) exists in multiple forms in mammalian cells. It has a unique 30-amino acid N terminus instead of the 223-amino acid ATP/geldanamycin-binding domain found at the N terminus of full-length HSPCA, which contains 732 amino acids. Functional proteomic screens reveal an essential extracellular role for hsp90-alpha in cancer cell invasiveness.

Overview

Product Name	Anti-HSP90 Hsp90ab1 Antibody (Monoclonal, AC-16)
Reactive Species	Human, Mouse, Rabbit, Rat
Description	Boster Bio Anti-HSP90 Hsp90ab1 Antibody (Monoclonal, AC-16) catalog # MA1051. Tested in WB applications. This antibody reacts with Human, Mouse, Rabbit, Rat.
Application	WB
Clonality	Monoclonal AC-16
Formulation	Mouse ascites fluid, 1.2% sodium acetate, 2mg BSA, with 0.01mg NaN ₃ as preservative.
Storage Instructions	Store at -20°C for one year from date of receipt. After reconstitution, at 4°C for one month. It can also be aliquotted and stored frozen at -20°C for six months. Avoid repeated freeze-thaw cycles.
Host	Mouse
Uniprot ID	P34058

Technical Details

Immunogen	Heat shock protein 90 (HSP90) from the water mold Achlya ambisexualis.
Predicted Reactive Species	Bovine, Monkey
Recommended Detection Systems	Boster recommends Enhanced Chemiluminescent Kit with anti-Mouse IgG (EK1001) for Western blot.
Cross Reactivity	No cross reactivity with other proteins
Isotype	Mouse IgG2b
Form	Lyophilized
Concentration	Adding 1 ml of PBS buffer will yield a concentration of 100 ug/ml.
Purification	Ascites

Suggested Dilutions

Dilute the sample so that the expected range of concentrations fall within the detection range of this kit.

If the expected range of concentration is unknown, a pilot test should be conducted to decide the optimal dilution ratio for your samples.

Some PubMed article(s) citing the expression level of this target are as follows:

Boster Bio's internal QC testing used:

Western blot, 2-4ug/ml, Human, mouse, rabbit, rat

Anti-HSP90 Hsp90ab1 Antibody (Monoclonal, AC-16) (MA1051) Images



Boster Kit Box

2 Publications Citing This Product

1. PubMed ID: 23919426, Zhao Z, Miao Y, Pan P, Cheng B, Bai G, Wu H. Bmc Complement Altern Med. 2013 Aug 6;13:206. Doi: 10.1186/1472-6882-13-206. Qingfei Xiaoyan Wan Alleviates Asthma Through Multi-Target Network Regulation.
2. PubMed ID: 21346199, Jiang Q, Wang Y, Li T, Shi K, Li Z, Ma Y, Li F, Luo H, Yang Y, Xu C. Mol Biol Cell. 2011 Apr 15;22(8):1167-80. Doi: 10.1091/Mbc.E10-10-0860. Epub 2011 Feb 23. Heat Shock Protein 90-Mediated Inactivation Of Nuclear Factor-??b Switches Autophagy To ...

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