BOSTER BIOLOGICAL TECHNOLOGY
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Anti-Hsp90 beta HSP90AB1 Rabbit Monoclonal Antibody

Catalog Number: M01692

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Overview

Product Name	Anti-Hsp90 beta HSP90AB1 Rabbit Monoclonal Antibody
Reactive Species	Human, Mouse, Rat
Description	Boster Bio Anti-Hsp90 beta HSP90AB1 Rabbit Monoclonal Antibody catalog # M01692. Tested in WB, IHC, ICC/IF applications. This antibody reacts with Human, Mouse, Rat.
Application	IF, IHC, ICC, WB
Clonality	Monoclonal CCC-8
Formulation	Rabbit IgG in stabilizing components, phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol. *This antibody is supplied in a stabilized formulation. Compatibility with conjugation reactions depends on the chemistry of the conjugation method used. For conjugation methods that are not compatible with the stabilizing components present in this formulation, a carrier-free antibody format is required.
Storage Instructions	Store at -20°C for one year. For short term storage and frequent use, store at 4°C for up to one month. Avoid repeated freeze-thaw cycles.
Host	Rabbit
Uniprot ID	P08238

Technical Details

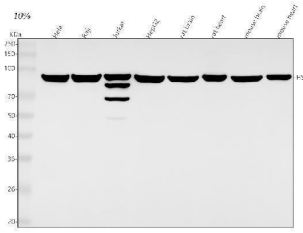
Immunogen	A synthesized peptide derived from human Hsp90 beta
Isotype	Rabbit IgG
Form	Liquid
Concentration	0.5mg/ml
Purification	Affinity-chromatography
Suggested Dilutions	WB, 1:500-2000

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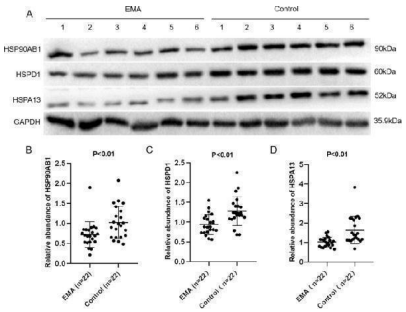
	IHC, 1:50-200 ICC/IF, 1:50-200

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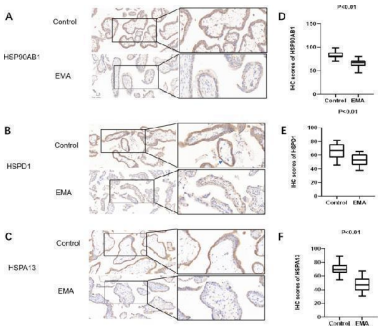
Anti-Hsp90 beta HSP90AB1 Rabbit Monoclonal Antibody (M01692) Images



Western blot analysis of HSP90AB1 using anti-HSP90AB1 antibody (M01692). Electrophoresis was performed on a 5-20% SDS-PAGE gel at 70V (Stacking gel) / 90V (Resolving gel) for 2-3 hours. The sample well of each lane was loaded with 30 ug of sample under reducing conditions. Lane 1: human Hela whole cell lysates, Lane 2: human Raji whole cell lysates, Lane 3: human Jurkat whole cell lysates, Lane 4: human HepG2 whole cell lysates, Lane 5: rat brain tissue lysates, Lane 6: rat heart tissue lysates, Lane 7: mouse brain tissue lysates, Lane 8: mouse heart tissue lysates. After electrophoresis, proteins were transferred to a nitrocellulose membrane at 150 mA for 50-90 minutes. Blocked the membrane with 5% non-fat milk/TBS for 1.5 hour at RT. The membrane was incubated with rabbit anti-HSP90AB1 antigen affinity purified monoclonal antibody (Catalog # M01692) at 1:500 overnight at 4°C, then washed with TBS-0.1%Tween 3 times with 5 minutes each and probed with a goat anti-rabbit IgG-HRP secondary antibody at a dilution of 1:500 for 1.5 hour at RT. The signal is developed using an Enhanced Chemiluminescent detection (ECL) kit (Catalog # EK1002) with Tanon 5200 system. A specific band was detected for HSP90AB1 at approximately 90 kDa. The expected band size for HSP90AB1 is at 83 kDa.



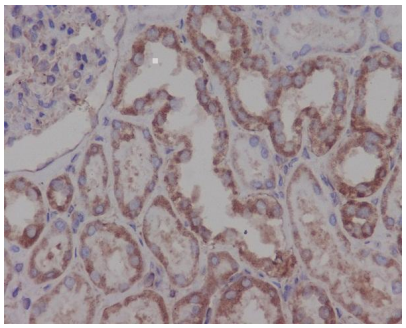
The differential abundance of HSP90AB1, HSPD1 and HSPA13 in villi tissues was verified by Western blot. A The representative of Western blot analysis to verify selected differentially expressed proteins HSP90AB1, HSPD1 and HSPA13 in the villi tissue of embryo from EMA (n = 6) and control(n = 6). B The scatter plot of HSP90AB1 abundance in the villi tissue of embryo from EMA (n = 22) vs control (n = 22) (P < 0.01). C The scatter plot of HSPD1 abundance in the villi tissue of embryo from EMA (n = 22) vs control (n = 22) (P < 0.01). D The scatter plot of HSPA13 abundance in the villi tissue of embryo from EMA (n = 22) vs control (n = 22) (P < 0.01) Index in PubMed under a CC BY license. PMID: 37587463



A , B , C Immunohistochemical staining for HSP90AB1, HSPD1, and HSPA13 observed in the cytoplasm of syncytiotrophoblast and cytotrophoblast cells (× 200, × 400). Villus from 22 patients with EMA showed lower; D - F Quantitative scoring results of IHC analyses w shown as box plots Index in PubMed under a CC BY license. PMID: 37587463

Immunohistochemical analysis of paraffin-embedded human kidney, using Hsp90 beta antibody .

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