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Hsp90α/β Rabbit mAb

Catalog No.: A5027 Recombinant 27 Publications

Basic Information

Observed MW
90 kDa

Calculated MW
90 kDa

Category
Primary antibody

Applications
WB,Auto WB,ELISA

Cross-Reactivity
Human, Mouse, Rat, Monkey

CloneNo number
ARC1169

Background

The protein encoded by this gene is an inducible molecular chaperone that functions as a homodimer. The encoded protein aids in the proper folding of specific target proteins by use of an ATPase activity that is modulated by co-chaperones. Two transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Jan 2012]

Recommended Dilutions

WB	1:5000 - 1:20000
Auto WB	1:100 - 1:500
ELISA	Recommended starting concentration is 1 μg/mL. Please optimize the concentration based on your specific assay requirements.

Immunogen Information

Gene ID
3320/3326

Swiss Prot
P07900/P08238

Immunogen
Recombinant protein (or fragment).This information is considered to be commercially sensitive.

Synonyms
EL52; HEL-S-65p; HSP86; HSP89A; HSP90A; HSP90N; HSPC1; HSPCA; HSPCAL1; HSPCAL4; HSPN; Hsp103; Hsp89; Hsp90; LAP-2; LAP2; Hsp90α/β

Contact

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Product Information

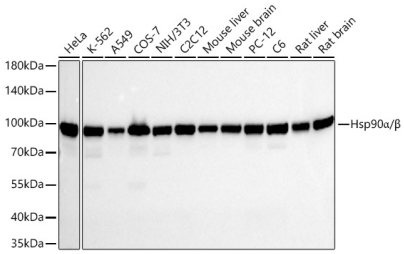
Source
Rabbit

Isotype
IgG

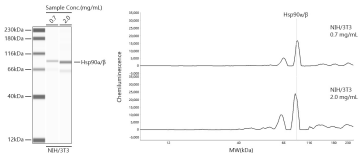
Purification
Affinity purification

Storage
Store at -20℃. Avoid freeze / thaw cycles.
Buffer: PBS containing 50% glycerol and 0.05% BSA, preserved with proclin300 or sodium azide (as specified on the Certificate of Analysis), pH 7.3.

Validation Data



Western blot analysis of various lysates using Hsp90α/β Rabbit mAb (A5027) at 1:11000 dilution incubated overnight at 4℃.
Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.
Lysates/proteins: 25 µg per lane.
Blocking buffer: 3% nonfat dry milk in TBST.
Detection: ECL Basic Kit (RM00020).
Exposure time: 30s.



Simple Western™ analysis of lysates from NIH/3T3 cells using Hsp90α/β Rabbit mAb (A5027) at 1:100 dilution. The virtual lane view (left) shows the target band (as indicated) with samples in concentrations of 0.7 mg/mL and 2.0 mg/mL. The corresponding electropherogram view (right) plots chemiluminescence intensity against molecular weight along the capillary for sample concentrations of 0.7 mg/mL and 2.0 mg/mL. This experiment was performed under reducing conditions on the Jess™ Simple Western instrument from ProteinSimple, a BioTechne brand, using the 12-230 kDa separation module.