A5014

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Hsp90α Rabbit mAb

Catalog No.: A5014 Recombinant 6 Publications

Basic Information

Observed MW
90KDa

Calculated MW
85kDa

Category
Monoclonal Antibody

Applications
WB,IF/ICC

Cross-Reactivity
Human,Mouse,Rat

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.

Recommended Dilutions

WB	1:500 - 1:2000
IF/ICC	1:50 - 1:200

Immunogen Information

Gene ID
3320

Swiss Prot
P07900

Immunogen
A synthesized peptide derived from human Hsp90α

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

Contact

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Product Information

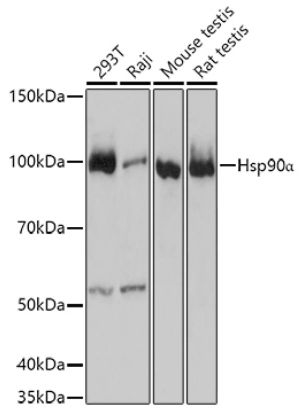
Source
Rabbit

Isotype
IgG

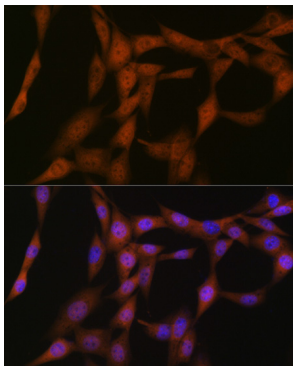
Purification
Affinity purification

Storage
Store at -20℃. Avoid freeze / thaw cycles.
Buffer: PBS with 0.02% sodium azide,0.05% BSA,50% glycerol,pH7.3.

Validation Data



Western blot analysis of extracts of various cell lines, using Hsp90α antibody (A5014) at 1:1000 dilution.
Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.
Lysates/proteins: 25ug per lane.
Blocking buffer: 3% nonfat dry milk in TBST.
Detection: ECL Basic Kit (RM00020).
Exposure time: 180s.



Immunofluorescence analysis of NIH-3T3 cells using Hsp90α Rabbit mAb (A5014) at dilution of 1:100 (40x lens). Blue: DAPI for nuclear staining.

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