



## Hsp90 (ANT0053R) Rabbit mAb

CatalogNo: ANT8026 **Recombinant** 

Formulation: PBS,50%glycerol,0.05%Proclin 300,0.05%BSA  
Quantity : 100 ug/vial

### Host Species

- Rabbit
- Human,Mouse,Rat,

### Reactivity

- WB,IHC,IF,IP,ELISA

### Applications

### MW

- 85kD (Calculated)
  - IgG,Kappa
- 85kD (Observed)

### Isotype

## Recommended Dilution Ratios

IHC 1:200-1000

WB 1:1000-5000

IF 1:200-1000

ELISA 1:5000-20000

IP 1:50-200

## Storage

**Storage\*** -15°C to -25°C/1 year(Do not lower than -25°C)

## Basic Information

**Clonality** Monoclonal

**Clone Number** ANT0053R

## Target Information

Endogenous

Gene name

HSP90AB1

Protein Name

Heat shock protein HSP 90-beta

Organism	Gene ID	UniProt ID
Human	<a href="#">3326</a> ;	<a href="#">P08238</a> ;
Mouse	<a href="#">15516</a> ;	<a href="#">P11499</a> ;
Rat	<a href="#">301252</a> ;	<a href="#">P34058</a> ;

Cellular

Localization

Cytoplasm, Nuclear

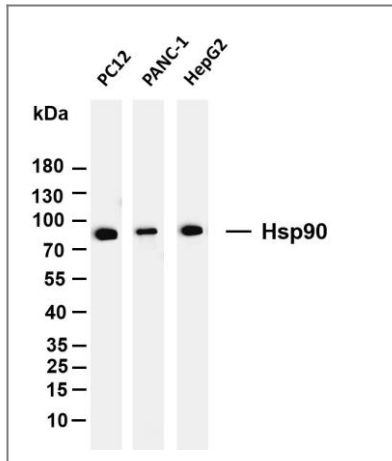
Tissue specificity

Amygdala,Brain cortex,Colon,Colon carcinoma,Embryon

Function

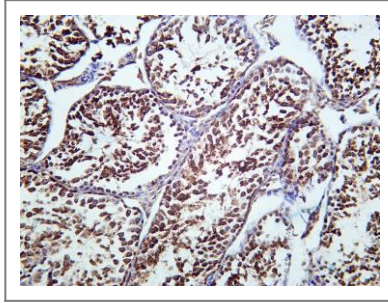
Function:Molecular chaperone. Has ATPase activity.,ANTM:Phosphorylated upon DNA damage, probably by ATM or ATR.,similarity:Belongs to the heat shock protein 90 family.,subcellular location:Identified by mass spectrometry in melanosome fractions from stage I to stage IV.,subunit:Homodimer. Interacts with TP53/p53 (By similarity). Interacts with UNC45A. Binding to UNC45A involves 2 UNC45A monomers per HSP90AB1 dimer.,

## Validation Data

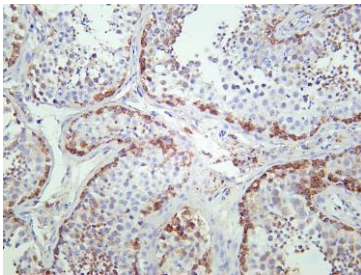


Various whole cell lysates were separated by 4-20% SDS-PAGE, and the membrane was blotted with anti-Hsp90 (ANT0053R) antibody. The HRPconjugated Goat anti-Rabbit IgG(H + L) antibody was used to detect the antibody. Lane 1: PC12 Lane 2: PANC-1 Lane 3: HepG2 Predicted band size: 85kDa Observed band size: 85kDa

Human tonsil testis was stained with Anti-HSP90 (ANT0053R) rabbit Antibody



Mouse testis was stained with Anti-HSP90 (ANT0053R) rabbit Antibody



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