

Hsp90 (PT0053R) PT[®] Rabbit mAb

CatalogNo: YM8026 **Recombinant** 

Key Features

Host Species

- Rabbit

Reactivity

- Human, Mouse, Rat,

Applications

- WB, IHC, IF, IP, ELISA

MW

- 85kD (Calculated)
- 85kD (Observed)

Isotype

- IgG, Kappa

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)

Formulation PBS, 50% glycerol, 0.05% Proclin 300, 0.05% BSA

Basic Information

Clonality Monoclonal

Clone Number PT0053R

Immunogen Information

Specificity Endogenous

Target Information

Gene name HSP90AB1

Protein Name Heat shock protein HSP 90-beta

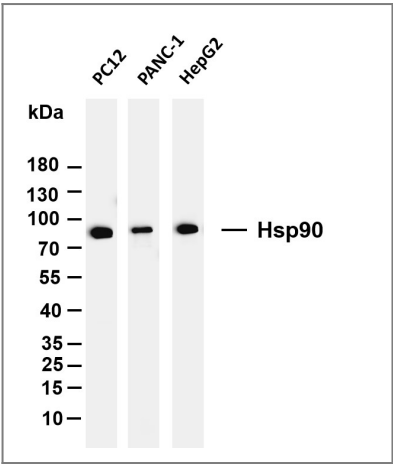
Organism	Gene ID	UniProt ID
Human	3326 ;	P08238 ;
Mouse	15516 ;	P11499 ;
Rat	301252 ;	P34058 ;

Cellular Localization Cytoplasm, Nuclear

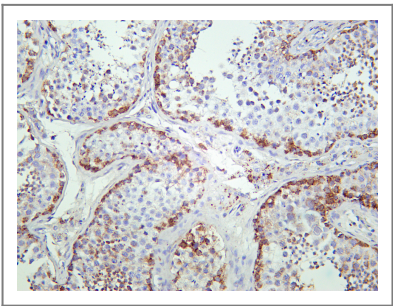
Tissue specificity Amygdala,Brain cortex,Colon,Colon carcinoma,Embryon

Function Function:Molecular chaperone. Has ATPase activity.,PTM: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.,

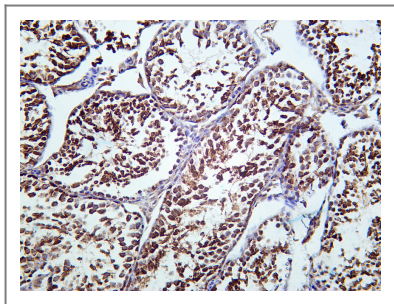
Validation Data



Various whole cell lysates were separated by 4-20% SDS-PAGE, and the membrane was blotted with anti-Hsp90 antibody. The HRP-conjugated 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 rabbit Antibody



Mouse testis was stained with Anti-HSP90 rabbit Antibody

| Contact information

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