

HSP10 (PT1626R) PT™ Rabbit mAb

CatalogNo: YM9468 **Recombinant** 

Key Features

Host Species

- Rabbit

Reactivity

- Human, Mouse, Rat

Applications

- WB, IHC, IF, IP, ELISA

MW

- 11kD (Calculated)
- 11kD (Observed)

Isotype

- IgG, Kappa

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

Recommended Dilution Ratios

IHC 1:500-1:2000**WB 1:2000-1:10000****IF 1:200-1:1000****ELISA 1:5000-1:20000****IP 1:50-1:200**

Basic Information

Clonality Monoclonal**Clone Number** PT1626R

Immunogen Information

Specificity Endogenous

Target Information

Gene name HSPE1

Protein Name 10 kDa heat shock protein mitochondrial

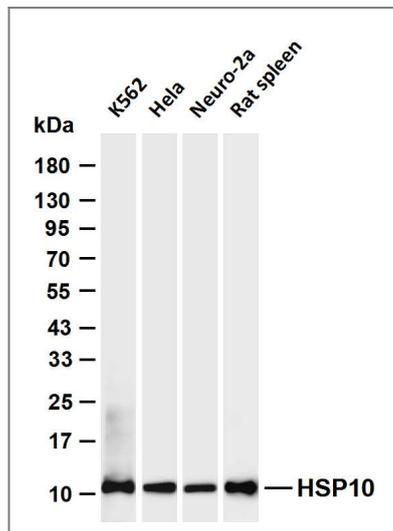
Organism	Gene ID	UniProt ID
Human	3336 ;	P61604 ;
Mouse	15528 ;	Q64433 ;
Rat		P26772 ;

Cellular Localization Mitochondrion matrix.

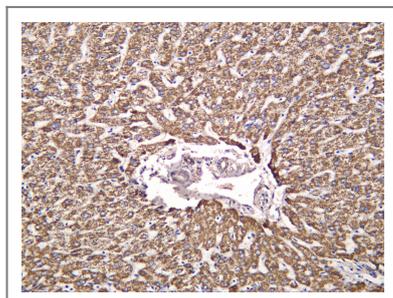
Tissue specificity B-cell lymphoma,Uterus,

Function Function:Eukaryotic CPN10 homolog which is essential for mitochondrial protein biogenesis, together with CPN60. Binds to CPN60 in the presence of Mg-ATP and suppresses the ATPase activity of the latter.,induction:By stress.,mass spectrometry: PubMed:7912672,similarity:Belongs to the groES chaperonin family.,subunit:Homohexamer.,

Validation Data



Various whole cell lysates were separated by 4-20% SDS-PAGE, and the membrane was blotted with anti-HSP10 (PT1626R) antibody. The HRP-conjugated Goat anti-Rabbit IgG (H + L) antibody was used to detect the antibody. Lane 1: K562 Lane 2: HeLa Lane 3: Neuro-2a Lane 4: Rat spleen
Predicted band size: 11kDa Observed band size: 11kDa



Human liver was stained with anti-HSP10 (PT1626R) Rabbit antibody

| Contact information

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