

HMGB1 (PT0499R) PT® Rabbit mAb

CatalogNo: YM8327 **Recombinant** 

Key Features

Host Species

- Rabbit

Reactivity

- Human, Mouse, Rat,

Applications

- WB, IHC, IF, IP, ELISA

MW

- 25kD (Calculated)
25kD (Observed)

Isotype

- IgG, Kappa

Recommended Dilution Ratios

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

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** PT0499R

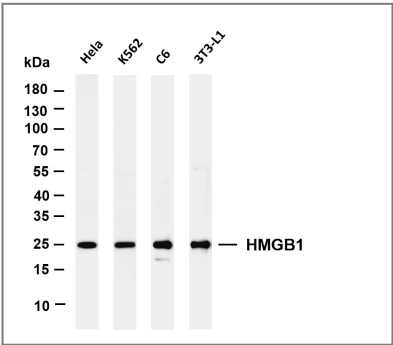
Immunogen Information

Specificity Endogenous

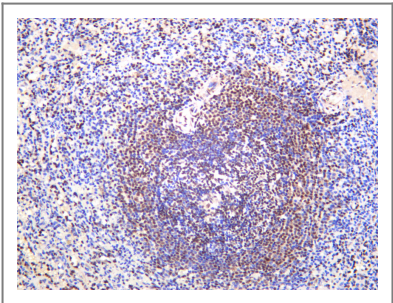
Target Information

| | | | |
|-----------------------|--|----------------------------|-------------------------|
| Gene name | HMGB1 HMG1 | | |
| Protein Name | High mobility group protein B1 (High mobility group protein 1) (HMG-1) | | |
| | Organism | Gene ID | UniProt ID |
| | Human | 3146; | P09429; |
| | Mouse | 100862258; | P63158; |
| | Rat | 25459; | P63159; |
| Cellular Localization | Nucleus | | |
| Tissue specificity | Ubiquitous. Expressed in platelets (PubMed:11154118). | | |
| Function | Function: Binds preferentially single-stranded DNA and unwinds double stranded DNA., similarity: Belongs to the HMGB family., similarity: Contains 2 HMG box DNA-binding domains., | | |

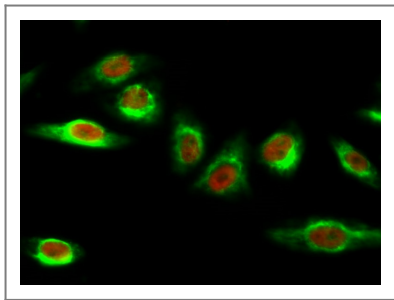
Validation Data



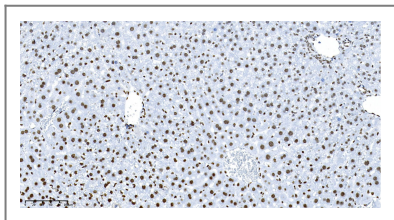
Various whole cell lysates were separated by 4-20% SDS-PAGE, and the membrane was blotted with anti-HMGB1 antibody. The HRP-conjugated Goat anti-Rabbit IgG(H + L) antibody was used to detect the antibody. Lane 1: Hela Lane 2: K562 Lane 3: C6 Lane 4: 3T3-L1 Predicted band size: 25kDa Observed band size: 25kDa



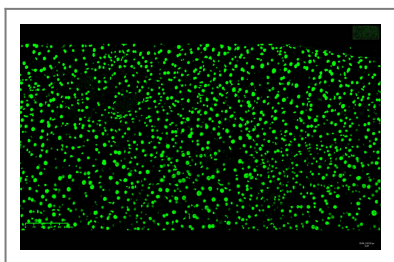
Human spleen was stained with anti-HMGB1 rabbit antibody



Immunofluorescence analysis of Hela cell. 1, HMGB-1 Antibody (red) was diluted at 1:200 (4° overnight). Caspase 9 Monoclonal Antibody (3-20) (green) was diluted at 1:200 (4° overnight). 2, Goat Anti Rabbit Alexa Fluor 594 Catalog: RS3611 was diluted at 1:1000 (room temperature, 50min). Goat Anti Mouse Alexa Fluor 488 Catalog: RS3208 was diluted at 1:1000 (room temperature, 50min).



Mouse liver was stained with anti-HMGB1 Rabbit antibody



Mouse liver was stained with anti-HMGB1 Rabbit antibody

Contact information

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Please scan the QR code to access additional product information:
HMGB1 (PT0499R)
PT® Rabbit mAb

For Research Use Only. Not for Use in Diagnostic Procedures.

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