

# 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)

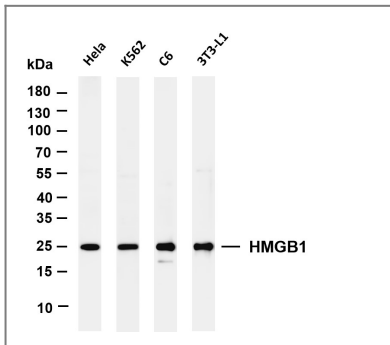
Organism	Gene ID	UniProt ID
Human	<a href="#">3146;</a>	<a href="#">P09429;</a>
Mouse	<a href="#">100862258;</a>	<a href="#">P63158;</a>
Rat	<a href="#">25459;</a>	<a href="#">P63159;</a>

**Cellular Localization** Nucleus

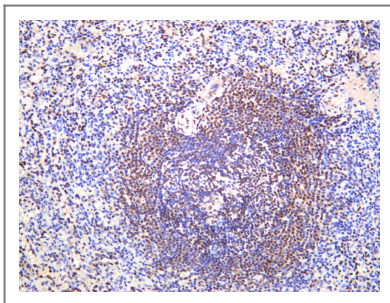
**Tissue specificity** Ubiquitous. Expressed in platelets (PubMed:11154118).

**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.,

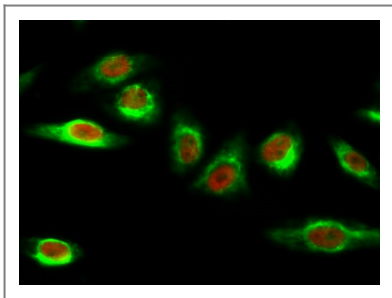
## Validation Data



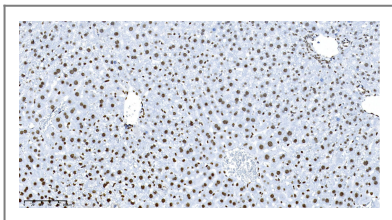
Various whole cell lysates were separated by 4-20% SDS-PAGE, and the membrane was blotted with anti-HMGB1 antibody. The HRP-conjugated Goat anti-Rabbit IgG(H + L) antibody was used to detect the antibody. Lane 1: HeLa Lane 2: K562 Lane 3: C6 Lane 4: 3T3-L1 Predicted band size: 25kDa Observed band size: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



Human spleen was stained with anti-HMGB1 rabbit antibody



Immunofluorescence analysis of HeLa cell. 1, HMG-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

## Contact information

Orders: [order.cn@immunoway.com](mailto:order.cn@immunoway.com)  
Support: [support.cn@immunoway.com](mailto:support.cn@immunoway.com)  
Telephone: 400-8787-807 (China)  
Website: <http://www.immunoway.com.cn>  
Address: 2200 Ringwood Ave San Jose, CA 95131 USA



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.

[Antibody](#) | [ELISA Kits](#) | [Protein](#) | [Reagents](#)