



Mouse Monoclonal Antibody **HMGB1** conjugated to Sepharose Beads

CatalogNo: **ANT8327-S**

Size 200ul

Storage Store at 4 °C for frequent use

Description

This Antagene antibody is immobilized via covalent binding of primary amino groups to N-hydroxysuccinimide (NHS)-activated sepharose beads. It is useful for immunoprecipitation assays.

HMGB1 (ANT0099R) Rabbit mAb

Formulation: 50% slurry in PBS pH 7.2 with 0.01mg NaN₃ preservative.

Host Species

- Rabbit
- Human, Mouse, Rat,

Reactivity

- WB, IHC, IF, IP, ELISA

Applications

MW

- 25kD (Calculated)
 - IgG, Kappa
- 25kD (Observed)

Isotype

Recommended Dilution Ratios

IP

Basic Information

Clonality	Monoclonal
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Clone Number	ANT0099R
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Immunogen Information

Specificity Endogenous

Target Information

Gene name HMGB1 HMG1

Protein Name High mobility group protein B1 (High mobility group protein 1) (HMG-1)

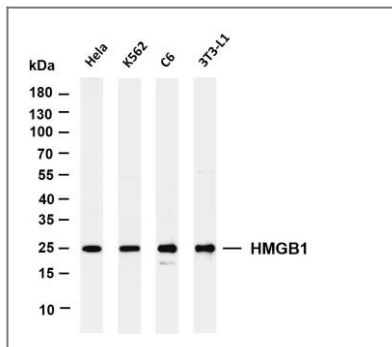
Organism	Gene ID	UniProt ID
Human	3146;	P09429;
Mouse	100862258;	P63158;
Rat	25459;	P63159;

Cellular Nucleus
Localization

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

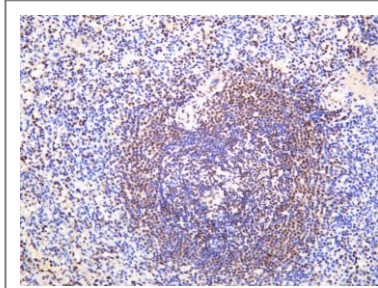
Function Function: Binds preferentially single-stranded DNA and unwinds double stranded DNA., similarity: Belongs to the HMGB family., similarity: Contains 2 HMG box DNA-binding domains.,

Validation Data



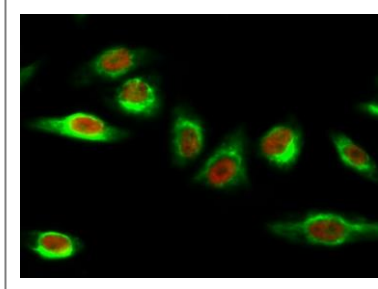
Various whole cell lysates were separated by 4-20% SDS-PAGE, and the membrane was blotted with anti-HMGB1 (ANT0099R) antibody. The HRPconjugated Goat anti-Rabbit IgG(H + L) antibody was used to detect the antibody. Lane 1: HeLa Lane 2: K562 Lane 3: C6 Lane 4: 3T3-L1 Predicted band size: 25kDa Observed band size: 25kDa

Human spleen was stained with anti-HMGB1 (ANT0099R) 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).



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