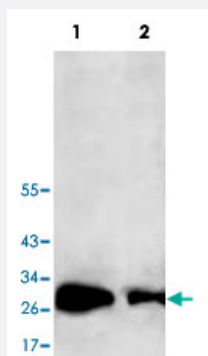


HMGB1 polyclonal antibody

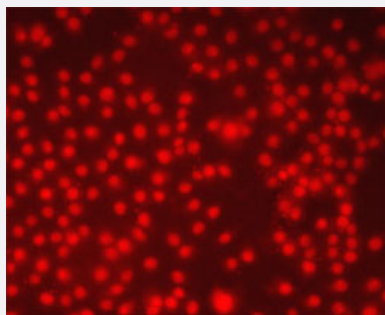
Catalog # PAB18868 Size 100 ug

Applications



Western Blot (Cell lysate)

Western blot analysis of Lovo (Lane 1) and HeLa (Lane 2) cell lysate with HMGB1 polyclonal antibody (Cat # PAB18868) at 1 : 500 dilution.



Immunofluorescence

Immunofluorescent staining of HeLa cells showing nuclear staining with HMGB1 polyclonal antibody (Cat # PAB18868) at 1 : 100 dilution.

Specification

Product Description	Rabbit polyclonal antibody raised against full length recombinant HMGB1.
Immunogen	Recombinant protein corresponding to full length human HMGB1.
Host	Rabbit
Reactivity	Human, Mouse, Rat
Form	Liquid

Recommend Usage	ELISA (1:10000-1:40000) Western Blot (1:200-1:1000) The optimal working dilution should be determined by the end user.
Storage Buffer	In buffer containing 0.02% sodium azide
Storage Instruction	Store at 4°C for three months. For long term storage store at -20°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Western Blot (Cell lysate)

Western blot analysis of Lovo (Lane 1) and HeLa (Lane 2) cell lysate with HMGB1 polyclonal antibody (Cat # PAB18868) at 1 : 500 dilution.

- Immunofluorescence

Immunofluorescent staining of HeLa cells showing nuclear staining with HMGB1 polyclonal antibody (Cat # PAB18868) at 1 : 100 dilution.

- Enzyme-linked Immunoabsorbent Assay

Gene Info — HMGB1

Entrez GeneID	3146
Protein Accession#	NM_002128
Gene Name	HMGB1
Gene Alias	DKFZp686A04236, HMG1, HMG3, SBP-1
Gene Description	high-mobility group box 1
Omim ID	163905
Gene Ontology	Hyperlink
Other Designations	Amphoterin OTTHUMP00000018199 OTTHUMP00000190860 Sulfoglucuronyl carbohydrate binding protein high mobility group box 1 high mobility group protein 1 high-mobility group (nonhistone chromosomal) protein 1

Publication Reference

- [Dual peptide-dendrimer conjugate inhibits acetylation of transforming growth factor \$\beta\$ -induced protein and improves survival in sepsis.](#)

Wonhwa Lee, Eun Ji Park, Oh Kwang Kwon, Hyelim Kim, Youngbum Yoo, Shin-Woo Kim, Young-Kyo Seo, In-San Kim, Dong Hee Na, Jong-Sup Bae.

Biomaterials 2020 Jul; 246:120000.

Application: ELISA, Mouse, Mouse blood

- [Autophagy and mitochondrial remodelling in mouse mesenchymal stromal cells challenged with *Staphylococcus epidermidis*.](#)

Gorbunov NV, McDaniel DP, Zhai M, Liao PJ, Garrison BR, Kiang JG.

Journal of Cellular and Molecular Medicine 2015 May; 19(5):1133.

Application: IF, Mouse, Bone marrow mesenchymal stromal cells (BMSCs)

Pathway

- [Base excision repair](#)

Disease

- [Bone Marrow Neoplasms](#)
- [Genetic Predisposition to Disease](#)
- [Graft vs Host Disease](#)
- [Hematologic Neoplasms](#)
- [Puerperal Disorders](#)
- [Recurrence](#)
- [Sepsis](#)
- [Streptococcal Infections](#)
- [Systemic Inflammatory Response Syndrome](#)