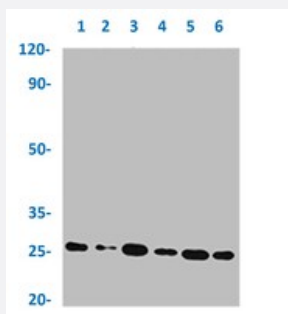


RecomAb™

HMGB1 recombinant monoclonal antibody, clone 1A1

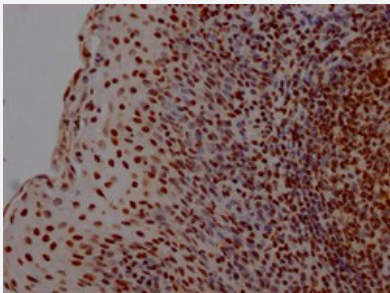
Catalog # RAB04382 Size 100 uL

Applications



Western Blot

Western blot analysis of Lane 1: Hela whole cell lysate, Lane 2: HepG2 whole cell lysate, Lane 3: Jurkat whole cell lysate, Lane 4: 293T whole cell lysate, Lane 5: MCF-7 whole cell lysate and Lane 6: HL-60 whole cell lysate with HMGB1 recombinant monoclonal antibody, clone 1A1 (Cat # RAB04382).



Immunohistochemistry

Immunohistochemical staining of human tonsil tissue with HMGB1 recombinant monoclonal antibody, clone 1A1 (Cat # RAB04382) (diluted at 1:100).

Specification

Product Description	Rabbit recombinant monoclonal antibody raised against human HMGB1.
Antibody Species	Rabbit
Immunogen	Original antibody is raised against a synthetic peptide corresponding to human HMGB1.
Theoretical MW (kDa)	Calculated MW: 25 kD
Reactivity	Human
Form	Liquid

Purification	Affinity chromatography
Isotype	IgG
Recommend Usage	ELISA Immunohistochemistry (1:50-1:200) Western Blot (1:500-1:5000) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS, pH7.4 (150 mM NaCl, 50% glycerol and 0.02% sodium azide)
Storage Instruction	Store at -20°C or -80°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

Western blot analysis of Lane 1: Hela whole cell lysate, Lane 2: HepG2 whole cell lysate, Lane 3: Jurkat whole cell lysate, Lane 4: 293T whole cell lysate, Lane 5: MCF-7 whole cell lysate and Lane 6: HL-60 whole cell lysate with HMGB1 recombinant monoclonal antibody, clone 1A1 (Cat # RAB04382).

- Immunohistochemistry

Immunohistochemical staining of human tonsil tissue with HMGB1 recombinant monoclonal antibody, clone 1A1 (Cat # RAB04382) (diluted at 1:100).

- Enzyme-linked Immunoabsorbent Assay

Gene Info — HMGB1

Entrez GeneID	3146
Protein Accession#	P09429
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

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](#)