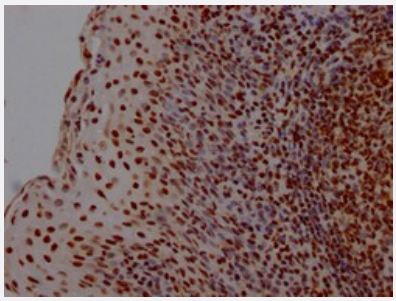
RecomAb™ Sm Size

HMGB1 recombinant monoclonal antibody, clone 1A1

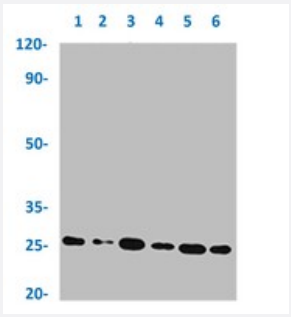
Catalog # RAB08286 Size 50 uL

Applications



Immunohistochemistry

Immunohistochemical staining of human tonsil tissue with HMGB1 recombinant monoclonal antibody (diluated at 1:100).



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.

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

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Form	Liquid
Preparation Method	Mammalian cell (HEK293) expression system
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 shoul d be handled by trained staff only.

Applications

- Immunohistochemistry

  Immunohistochemical staining of human tonsil tissue with HMGB1 recombinant monoclonal antibody (diluated at 1:100).

- Enzyme-linked Immunoabsorbent Assay

- 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.

Gene Info — HMGB1

Entrez GeneID	3146
Protein Accession#	P09429
Gene Name	HMGB1

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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

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