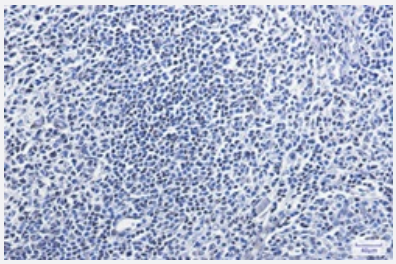
RecomAb™

HMGB1 recombinant monoclonal antibody, clone R07-2D8

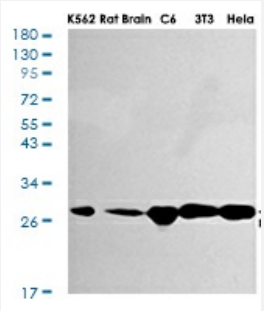
Catalog # RAB01255 Size 100 uL

Applications



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemistry analysis of paraffin-embedded Human tonsil using HMGB1 antibody.High-pressure and temperature Sodium Citrate pH 6.0 was used for antigen retrieval.



Western Blot

Western blot analysis of HMGB1 in K562, rat Brain, C6, 3T3, Hela lysates using HMGB1 antibody.

Specification

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

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Preparation Method	Mammalian cell (CHO) expression system
Purification	Affinity purification
Isotype	IgG
Recommend Usage	Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) Western Blot The optimal working dilution should be determined by the end user.
Storage Buffer	In 50 mM Tris-Glycine pH 7.4 (0.15 M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% BSA).
Storage Instruction	Store at 4°C. For longer storage, aliquot and store at -20°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 (Formalin/PFA-fixed paraffin-embedded sections)

  Immunohistochemistry analysis of paraffin-embedded Human tonsil using HMGB1 antibody.High-pressure and temperature Sodium Citrate pH 6.0 was used for antigen retrieval.

- Western Blot

  Western blot analysis of HMGB1 in K562, rat Brain, C6, 3T3, Hela lysates using HMGB1 antibody.

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 bin ding protein|high mobility group box 1|high mobility group protein 1|high-mobility group (nonhiston e chromosomal) protein 1

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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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