

HMGB1 recombinant antibody

HMGB1 Rabbit mAb

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA315013	Rabbit	Human, Mouse, Rat	Flow Cytometry, Functional Assay, Immunofluorescence, Immunocytochemistry, Immunohistochemistry, Western Blot

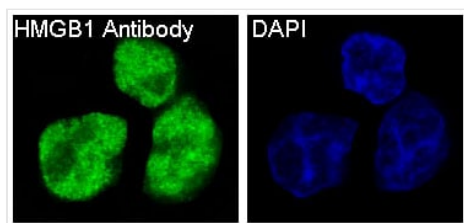
PRODUCT SYNONYMS

HMGB1; Monoclonal Recombinant Antibody; HMGB1 Rabbit mAb; HMG3; HMG1; SBP 1; Amphoterin; HMGB1 recombinant antibody

PRODUCT SPECIFICATIONS

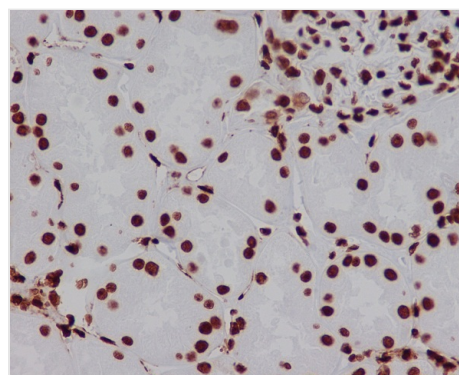
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Monoclonal
Isotype	Rabbit IgG
Specificity	HMGB1 Antibody detects endogenous levels of total HMGB1
Purity/Purification	Affinity-chromatography
Form/Format	Rabbit IgG in phosphate buffered saline, pH7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Applicable Applications for HMGB1 recombinant antibody	FCM/FACS (Flow Cytometry), IF (Immunofluorescence), ICC (Immunocytochemistry), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	A synthesized peptide derived from human HMGB1
Preparation and Storage	Store at +4 degree C short term. Store at -20 degree C long term. Avoid freeze/thaw cycle.

IMAGES



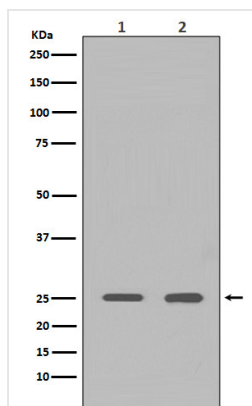
IF (Immunofluorescence)

Immunofluorescent analysis of SW480 cells, using HMGB1 Antibody.



IHC (Immunohistochemistry)

Immunohistochemical analysis of paraffin-embedded human kidney, using HMGB1 Antibody.



WB (Western Blot)

Western blot analysis of HMGB1 expression in (1)HeLa cell lysate; (2)Rat brain lysate.

ADDITIONAL INFORMATION

Related Product Information for HMGB1 recombinant antibody	High mobility group (HMG) proteins 1 and 2 are ubiquitous non-histone components of chromatin. Evidence suggests that the binding of HMG proteins to DNA induces alterations in the DNA architecture including DNA bending and unwinding of the helix. HMG proteins synergize with Oct-2, members of the NFkappaB family, ATF-2 and c-Jun to activate transcription.
Product Categories/Family for HMGB1 recombinant antibody	Recombinant Rabbit Monoclonal

NCBI AND UNIPROT INFORMATION

NCBI GI #	4504425
NCBI GeneID	3146
NCBI Accession #	NP_002119.1
NCBI GenBank Nucleotide #	NM_002128.4
UniProt Accession #	P09429 ; Q14321 ; Q5T7C3 ; Q6IBE1 ; A5D8W9
Molecular Weight	24,894 Da
NCBI Official Full Name	high mobility group protein B1
NCBI Official Synonym Full Names	high mobility group box 1
NCBI Official Symbol	HMGB1
NCBI Official Synonym Symbols	HMG1; HMG3; SBP-1
NCBI Protein Information	high mobility group protein B1; HMG-1; Amphoterin; high-mobility group box 1; high mobility group protein 1; Sulfoglucuronyl carbohydrate binding protein; high-mobility group (nonhistone chromosomal) protein 1
UniProt Protein Name	High mobility group protein B1
UniProt Gene Name	HMGB1
UniProt Synonym Gene Names	HMG1; HMG-1
UniProt Entry Name	HMGB1_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://www.aaabiotech.com/monoclonal/hmgb1-recombinant-antibody-flow-cytometry-immunofluorescence-immunocytochemistry-immunohistochemistry-western-blot-elisa/315013>