

Mouse HMGB1 Monoclonal Antibody | anti-HMGB1 antibody

HMGB1 (High-Mobility Group Box 1, DKFZp686A04236, HMG1, HMG3, SBP-1) (PE)

CATALOG # AAA26646	HOST Mouse	APPLICATIONS Immunofluorescence, Immunohistochemistry, Western Blot
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PRODUCT SYNONYMS

HMGB1; Monoclonal Antibody; HMGB1 (High-Mobility Group Box 1; DKFZp686A04236; HMG1; HMG3; SBP-1) (PE); High-Mobility Group Box 1; SBP-1; anti-HMGB1 antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Clonality	Monoclonal
Isotype	IgG2a,k
Clone Number	1B11
Specificity	Recognizes HMGB1.
Purity/Purification	Purified
Form/Format	Supplied as a liquid in PBS, pH 7.2. No preservative added. Labeled with R-Phycoerythrin (PE).
Sequence Length	215
Applicable Applications for anti-HMGB1 antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Application Notes	Applications are based on unconjugated antibody.
Immunogen	HMGB1 (AAH03378.1, 1aa-215aa) full-length recombinant protein with GST tag. MW of the GST tag alone is 26kD.
Immunogen Sequence	MGKGDPPKKPRGKMSSYAFFVQTCREEHKKKHPDASVNFSEFSKKCSERWKTMSAKEKGKFEDMAKADKARYEREMKTYIPPKGETKKKFKDPNAPKR
Conjugate	PE
Preparation and Storage	Store product at 4 degree C in the dark. DO NOT FREEZE! Stable at 4 degree C for 12 months after receipt as an undiluted liquid. Dilute required amount prior to removing the cap.

IMAGES



WB (Western Blot)

Western Blot analysis of HMGB1 expression in transfected 293T cell line by HMGB1 monoclonal antibody (M03), clone 1B11. Lane 1: HMGB1 transfected lysate (25 KDa). Lane 2: Non-transfected lysate.



IF (Immunofluorescence)

Immunofluorescence of monoclonal antibody to HMGB1 on HeLa cell. [antibody concentration 10 ug/ml]

**IF (Immunofluorescence)**

Immunofluorescence of monoclonal antibody to HMGB1 on HeLa cell. [antibody concentration 10 ug/ml]

**Application Data**

Detection limit for recombinant GST tagged HMGB1 is approximately 3ng/ml as a capture antibody.

**IHC (Immunohistochemistry)**

Immunoperoxidase of monoclonal antibody to HMGB1 on formalin-fixed paraffin-embedded human tonsil. [antibody concentration 3 ug/ml]

**Application Data**

Immunoperoxidase of monoclonal antibody to HMGB1 on formalin-fixed paraffin-embedded human tonsil. [antibody concentration 3 ug/ml]

ADDITIONAL INFORMATION

Related Product Information for anti-HMGB1 antibody	Mouse monoclonal antibody raised against a full length recombinant HMGB1.
Product Categories/Family for anti-HMGB1 antibody	Antibodies ; Transcription Factors

NCBI AND UNIPROT INFORMATION

NCBI GI #	13097234
NCBI GeneID	3146
NCBI Official Full Name	High-mobility group box 1
NCBI Official Synonym Full Names	high mobility group box 1
NCBI Official Symbol	HMGB1
NCBI Official Synonym Symbols	HMG1; HMG3; HMG-1; SBP-1
NCBI Protein Information	high mobility group protein B1

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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com

Online datasheet: <https://stage.aaabiotech.com/monoclonal/hmgb1-antibody-clone-1b11-immunofluorescence-immunohistochemistry-western-blot-elisa/26646>