

Mouse HMGB1 Monoclonal Antibody | anti-HMGB1 antibody

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

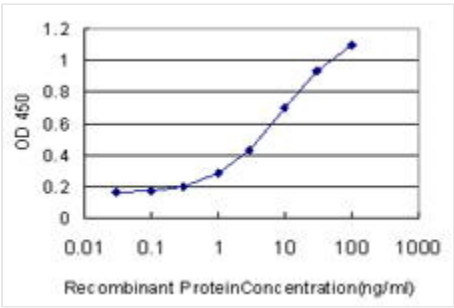
CATALOG # AAA26028	HOST Mouse	APPLICATIONS Immunofluorescence, Immunohistochemistry, Western Blot
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PRODUCT SYNONYMS

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

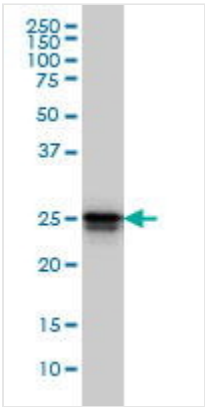
PRODUCT SPECIFICATIONS

Host	Mouse
Clonality	Monoclonal
Isotype	IgG2a,k
Clone Number	2F6
Specificity	Recognizes HMGB1.
Purity/Purification	Purified
Form/Format	Supplied as a liquid in PBS, pH 7.2. No preservative added. Labeled with Allophycocyanin (APC).
Applicable Applications for anti-HMGB1 antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Application Notes	Applications are based on unconjugated antibody.
Immunogen	HMGB1 (NP_002119, 1aa-90aa) partial recombinant protein with GST tag. MW of the GST tag alone is 26kD.
Immunogen Sequence	MGKGDPKKPRGKMSSYAFFVQTCREEHKKKHPDASVNFSEFSKKCSERWKTMSAKEKGKFEDMAKADKARYEREMKTYIPPKGETKKKFK
Conjugate	APC
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 only prior to immediate use. Further dilutions can be made in assay buffer. Caution: APC conjugates are sensitive to light. For maximum recovery of product, centrifuge the original vial prior to removing the cap.



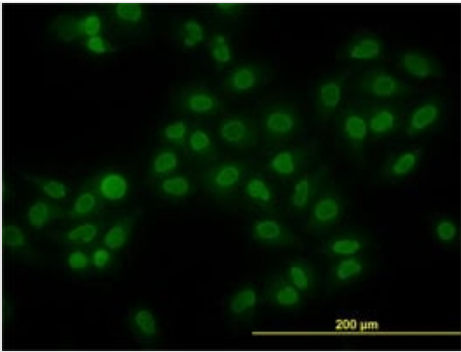
Application Data

Detection limit for recombinant GST tagged HMGB1 is approximately 0.3ng/ml as a capture antibody.



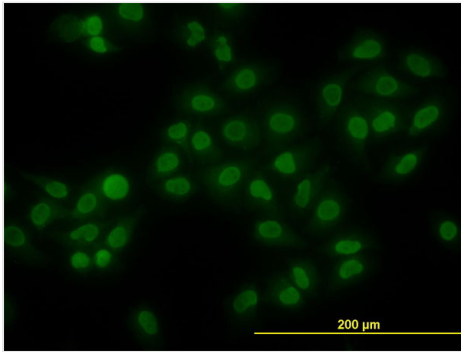
WB (Western Blot)

HMGB1 monoclonal antibody (M08), clone 2F6 Western Blot analysis of HMGB1 expression in HeLa S3 NE.



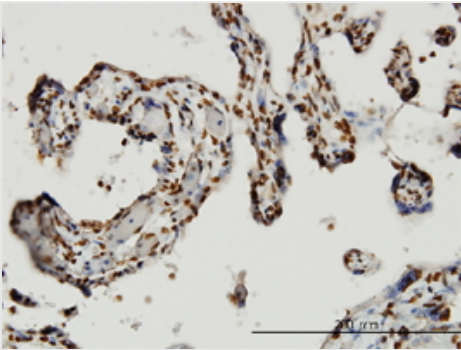
IF (Immunofluorescence)

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



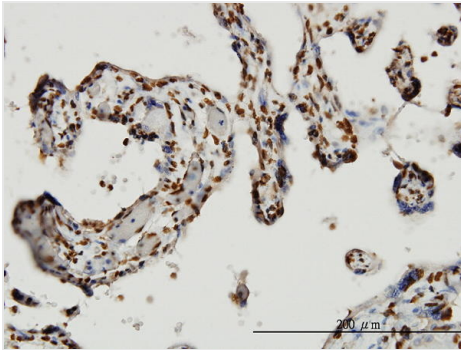
IF (Immunofluorescence)

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



IHC (Immunohistochemistry)

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



Application Data

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

ADDITIONAL INFORMATION

Related Product Information for anti-HMGB1 antibody	Mouse monoclonal antibody raised against a partial recombinant HMGB1.
Product Categories/Family for anti-HMGB1 antibody	Antibodies ; Transcription Factors
References	1. The Anti-Inflammatory Activity of HMGB1 A Box Is Enhanced When Fused with C-Terminal Acidic Tail. Gong W, Zheng Y, Chao F, Li Y, Xu Z, Huang G, Gao X, Li S, He F.J Biomed Biotechnol. 2010;2010:915234. Epub 2010 Apr 1. 2.Functional dissection of an IFN-alpha/beta receptor 1 promoter variant that confers higher risk to chronic hepatitis B virus infection.Zhou J, Huang JD, Poon VK, Chen DQ, Chan CC, Ng F, Guan XY, Watt RM, Lu L, Yuen KY, Zheng BJ.J Hepatol. 2009 Aug;51(2):322-32. Epub 2009 May 3.

NCBI AND UNIPROT INFORMATION

NCBI GI #	4504425
NCBI GeneID	3146
NCBI Accession #	NP_002119
NCBI GenBank Nucleotide #	NM_002128.4
UniProt Accession #	P09429; Q14321; Q5T7C3; Q6IBE1; A5D8W9
Molecular Weight	Predicted: 24 kDa Observed: 24 kDa
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://stage.aaabiotech.com/monoclonal/hmgb1-antibody-clone-2f6-immunofluorescence-immunohistochemistry-western-blot-elisa/26028>