Mouse HMGB2 Monoclonal Antibody | anti-HMGB2 antibody

HMGB2 (High-Mobility Group Box 2, HMG2) (FITC)

CATALOG #	HOST	APPLICATIONS
AAA26358	**Mouse**	**Immunofluorescence, Immunohistochemistry, Western Blot**

PRODUCT SYNONYMS

HMGB2; Monoclonal Antibody; HMGB2 (High-Mobility Group Box 2; HMG2) (FITC); High-Mobility Group Box 2; HMG2; anti-HMGB2 antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Clonality	Monoclonal
Isotype	IgG2a,k
Clone Number	3D2
Specificity	Recognizes HMGB2.
Purity/Purification	Purified
Form/Format	Supplied as a liquid in PBS, pH 7.2. No preservative added. Labeled with Fluorescein isothiocyanate (FITC).
Applicable Applications for anti-HMGB2 antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Application Notes	Applications are based on unconjugated antibody.
Immunogen	HMGB2 (AAH00903.2, 1aa-195aa) full-length recombinant protein with GST tag. MW of the GST tag alone is 26kD.
Immunogen Sequence	MGKGDPNKPRGKMSSYAFFVQTCREEHKKKHPDSSVNFAEFSKKCSERWKTMSAKEKSKFEDMAKSDKARYDREMKNYVPPKGDKKGKKKDPNAPK
Conjugate	FITC
Preparation and Storage	Store product at 4 degree C if to be used immediately within two weeks. For long-term storage, aliquot to avoid repeated freezing and thawing and stor can be made in assay buffer. FITC conjugates are sensitive to light. For maximum recovery of product, centrifuge the original vial after thawing and prior to removing the cap.

IMAGES

Application Data
Detection limit for recombinant GST tagged HMGB2 is approximately 0.03ng/ml as a capture antibody.

IF (Immunofluorescence)
Immunofluorescence of monoclonal antibody to HMGB2 on HeLa cell. [antibody concentration 10 ug/ml]

IF (Immunofluorescence)
Immunofluorescence of monoclonal antibody to HMGB2 on HeLa cell. [antibody concentration 10 ug/ml]

WB (Western Blot)
HMGB2 monoclonal antibody (M04), clone 3D2 Western Blot analysis of HMGB2 expression in Hela S3 NE (Cat # L013V3).

IHC (Immunohistochemistry)
Immunoperoxidase of monoclonal antibody to HMGB2 on formalin-fixed paraffin-embedded human placenta. [antibody concentration 3 ug/ml]

Application Data
Immunoperoxidase of monoclonal antibody to HMGB2 on formalin-fixed paraffin-embedded human placenta. [antibody concentration 3 ug/ml]

ADDITIONAL INFORMATION

Related Product Information for anti-HMGB2 antibody	This gene encodes a member of the non-histone chromosomal high mobility group protein family. The proteins of this family are chromatin-associated and ubiquitously distributed in the nucleus of higher eukaryotic cells. In vitro studies have demonstrated that this protein is able to efficiently bend DNA and form DNA circles. These studies suggest a role in facilitating cooperative interactions between cis-acting proteins by promoting DNA flexibility. This protein was also reported to be involved in the final ligation step in DNA end-joining processes of DNA double-strand breaks repair and V(D)J recombination. [provided by RefSeq]
Product Categories/Family for anti-HMGB2 antibody	Antibodies; Transcription Factors

NCBI AND UNIPROT INFORMATION

NCBI GI #	14705264

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/hmgb2-antibody-clone-3d2-immunofluorescence-immunohistochemistry-western-blot-elisa/26358