

Datasheet for ABIN516538  
**anti-HMGB2 antibody (AA 1-195)**

5 Images

1 Publication

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## Overview

Quantity:	100 µg
Target:	HMGB2
Binding Specificity:	AA 1-195
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This HMGB2 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

## Product Details

Purpose:	Mouse monoclonal antibody raised against a full length recombinant HMGB2.
Immunogen:	HMGB2 (AAH00903.2, 1 a.a. ~ 195 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence:	MGKGDPNKPGR GKMSSYAFFV QTCREEHKKK HPDSSVNFAE FSKKCSERWK TMSAKEKSKF EDMAKSDKAR YDREMKNYVP PKGDKKGKKK DPNAPKRPPS AFFLFCSEHR PKIKSEHPGL SIGDTAKKLG EMWSEQSAKD KQPYEQKAAK LKEYEKDIA AYRAKGKSEA GKKGPGRPTG SKKKNEPEDE EEEEE
Clone:	3C7
Isotype:	IgG1
Cross-Reactivity:	Human

## Product Details

Characteristics: Antibody Reactive Against Recombinant Protein.

## Target Details

Target: HMGB2

Alternative Name: HMGB2 ([HMGB2 Products](#))

Background: Full Gene Name: high-mobility group box 2  
Synonyms: HMG2

Gene ID: 3148

Pathways: [Cellular Response to Molecule of Bacterial Origin](#)

## Application Details

Application Notes: Optimal working dilution should be determined by the investigator.

Restrictions: For Research Use only

## Handling

Buffer: In 1x PBS, pH 7.4

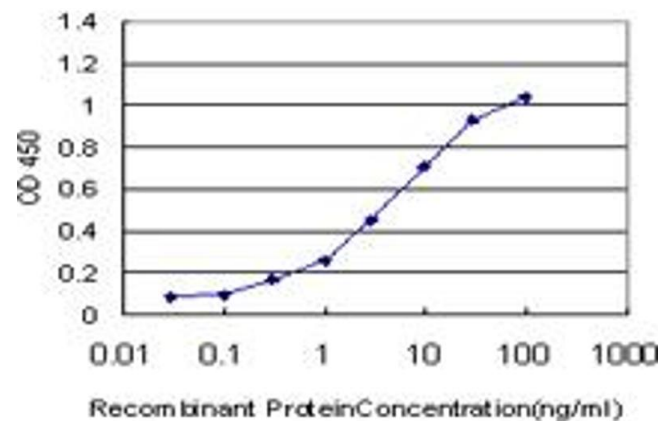
Handling Advice: Aliquot to avoid repeated freezing and thawing.

Storage: -20 °C

Storage Comment: Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

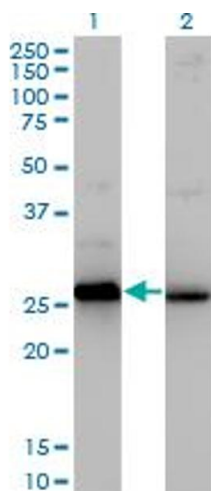
## Publications

Product cited in: Kwon, Kim, Park, Hong, Park, Hong, Park, Choi, Do, Joh, Kim, Choi: "Overexpression of high-mobility group box 2 is associated with tumor aggressiveness and prognosis of hepatocellular carcinoma." in: **Clinical cancer research : an official journal of the American Association for Cancer Research**, Vol. 16, Issue 22, pp. 5511-21, (2010) ([PubMed](#)).



ELISA

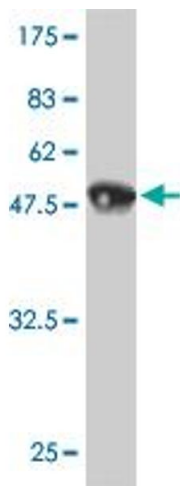
**Image 1.** Detection limit for recombinant GST tagged HMGB2 is approximately 0.3ng/ml as a capture antibody.



Western Blotting

**Image 2.** Western Blot analysis of HMGB2 expression in transfected 293T cell line by HMGB2 monoclonal antibody (M03), clone 3C7.

Lane 1: HMGB2 transfected lysate(22 KDa).  
Lane 2: Non-transfected lysate.



Western Blotting

**Image 3.** Western Blot detection against Immunogen (47.19 KDa) .

Please check the [product details page](#) for more images. Overall 5 images are available for ABIN516538.