

## Anti-HMGB2 antibody

<b>Cat. No.</b>	ml160489
<b>Package</b>	25 µl/100 µl/200 µl
<b>Storage</b>	-20°C, pH7.4 PBS, 0.05% NaN <sub>3</sub> , 40% Glycerol

### Product overview

<b>Description</b>	Anti-HMGB2 rabbit polyclonal antibody
<b>Applications</b>	ELISA, WB
<b>Immunogen</b>	Synthetic peptide of human HMGB2
<b>Reactivity</b>	Human, Mouse, Rat
<b>Content</b>	0.9 mg/ml
<b>Host species</b>	Rabbit
<b>Ig class</b>	Immunogen-specific rabbit IgG
<b>Purification</b>	Antigen affinity purification

### Target information

<b>Symbol</b>	HMGB2
<b>Full name</b>	high mobility group box 2
<b>Synonyms</b>	HMG2
<b>Swissprot</b>	P26583

### Target Background

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.

订购热线: 4008-898-798

#### Applications

##### Western blotting

Predicted band size: 24 kDa

Positive control: HeLa and 231 cells

Recommended dilution: 2000-5000

Gel: 10% SDS-PAGE

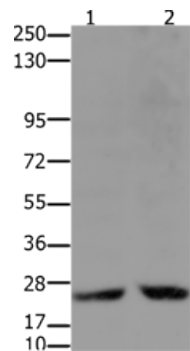
Lysate: 30 µg

Lane 1-2: HeLa cells, 231 cells

Primary antibody: ml160489 (HMGB2 Antibody) at dilution 1/2000

Secondary antibody: Goat anti rabbit IgG at 1/8000 dilution

Exposure time: 50 seconds



##### ELISA

Recommended dilution: 1000-10000

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