

## Anti-HMGB3 antibody

<b>Cat. No.</b>	ml160490
<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-HMGB3 rabbit polyclonal antibody
<b>Applications</b>	ELISA, WB, IHC
<b>Immunogen</b>	Synthetic peptide of human HMGB3
<b>Reactivity</b>	Human, Mouse
<b>Content</b>	0.3 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>	HMGB3
<b>Full name</b>	high mobility group box 3
<b>Synonyms</b>	HMG4, HMG-4, HMG2A, HMG-2a
<b>Swissprot</b>	O15347

### Target Background

High-mobility group protein B3 is a protein that in humans is encoded by the HMGB3 gene. HMGB3 belongs to the high mobility group (HMG) protein superfamily. Like HMG1 and HMG2, HMGB3 contains DNA-binding HMG box domains and is classified into the HMG box subfamily. Members of the HMG box subfamily are thought to play a fundamental role in DNA replication, nucleosome assembly and transcription.

订购热线: 4008-898-798

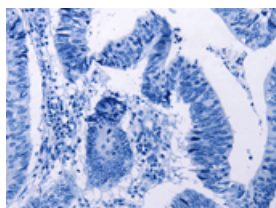
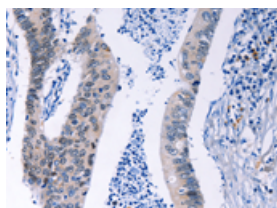
## Applications

### Immunohistochemistry

Predicted cell location: Nucleus

Positive control: Human colon cancer

Recommended dilution: 20-100

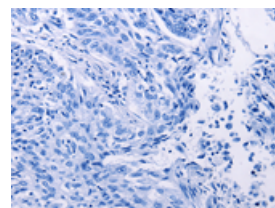
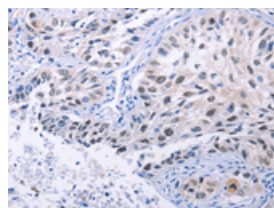


The image on the left is immunohistochemistry of paraffin-embedded Human colon cancer tissue using ml160490(HMGB3 Antibody) at dilution 1/20, on the right is treated with synthetic peptide. (Original magnification:  $\times 200$ )

Predicted cell location: Nucleus

Positive control: Human lung cancer

Recommended dilution: 20-100



The image on the left is immunohistochemistry of paraffin-embedded Human lung cancer tissue using ml160490(HMGB3 Antibody) at dilution 1/20, on the right is treated with synthetic peptide. (Original magnification:  $\times 200$ )

### Western blotting

Predicted band size: 23 kDa

Positive control: 293T and hela cells, mouse lung and brain tissue

Recommended dilution: 500-2000

Gel: 10% SDS-PAGE

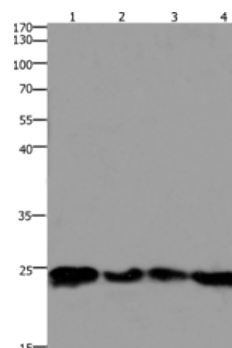
Lysate: 30  $\mu$ g

Lane 1-4: 293T cells, hela cells, mouse lung tissue, Mouse brain tissue

Primary antibody: ml160490(HMGB3 Antibody) at dilution 1/400

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

Exposure time: 1.5 minutes



### ELISA

Recommended dilution: 1000-10000

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