

# **HMGA2** monoclonal antibody

Catal	og:	MB67017
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Host:

Mouse

Reactivity: Human

# **BackGround:**

HMGA2 belongs to the family of high mobility group with AT-hook DNA binding domain. HMGA proteins are considered architectural transcription factors; they do not have direct transcriptional activation capacity, but instead regulate gene expression by changing DNA conformation through binding to AT-rich regions in the DNA and/or direct interaction with other transcription factors . HMGA2 is abundantly and ubiquitously expressed and plays a crucial role during embryonic development . HMGA2 promotes stem cell self-renewal and research studies have shown that decreased HMGA2 expression is associated with stem cell aging . Investigators have shown that expression levels of HMGA2 are very low in normal adult tissues, while either overexpression or rearrangement is associated with many types of cancer.

#### **Product:**

Mouse IgG2b. Supplied in crude ascites with 0.01% sodium azide.

**Molecular Weight:** 

#### ~ 18 kDa

**Swiss-Prot:** 

### P52926

**Purification&Purity:** 

#### **Applications:**

WB (1/500 - 1/4000)

**Storage&Stability:** 

Store at 4 °C short term. Aliquot and store at -20 °C long term. Avoid freeze-thaw cycles.

## **Specificity:**

Recognizes endogenous levels of HMGA2 protein.

**DATA:** 



Western blot analysis of HMGA2 expression in HepG2 (A) whole cell lysates.

#### Note:

For research use only, not for use in diagnostic procedure.

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