

DATASHEET

HMGA2 Mouse Monoclonal Antibody(C3815)

CAT. NO. AMA03427

KEY FEATURES

Target	HMGA2	Source / Host	Mouse
Reactivity	Human	Clonality	Monoclonal
Applications	WB	Conjugation	Unconjugated
Form / Buffer	Mouse IgG2b. Supplied in crude ascites with 0.01% sodium azide.	Storage	at-20°C

BACKGROUND

Functions as a transcriptional regulator. Functions in cell cycle regulation through CCNA2. Plays an important role in chromosome condensation during the meiotic G2/M transition of spermatocytes. Plays a role in postnatal myogenesis, is involved in satellite cell activation . Positively regulates IGF2 expression through PLAG1 and in a PLAG1-independent manner .

APPLICATION

To ensure optimal assay performance, AREX recommends conducting reagent titration tailored to each testing system for optimal detection results.

WB	1:500 - 1:4000
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*Results are sample-specific. Please refer to your local assay conditions and test parameters for reference.

PRODUCT OVERVIEW

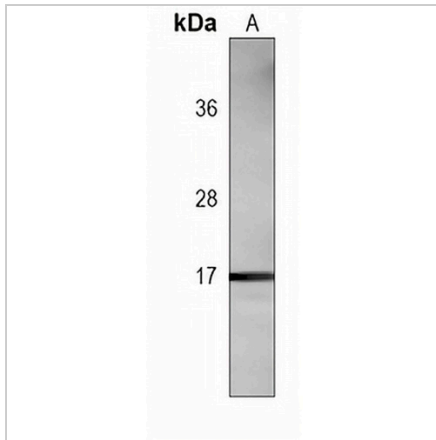
Description	Mouse monoclonal antibody to HMGA2
Specificity	Recognizes endogenous levels of HMGA2 protein.
Antibody Type	Primary antibody
Immunogen	KLH-conjugated synthetic peptide encompassing a sequence within the center region of human HMGA2. The exact sequence is proprietary.
Molecular Weight	Predicted: 11 kD; Observed: 17 kD
Form/Buffer	Mouse IgG2b. Supplied in crude ascites with 0.01% sodium azide.
Alternative Names	HMGIC; High mobility group protein HMGI-C; High mobility group AT-hook protein 2
Gene Symbol	HMGA2
Entrez Gene	8091(Human)
SwissProt	P52926(Human)

*AREX continuously optimizes our products. Webpage content may not reflect the latest updates. For inquiries, please contact info@arexbio.com or your local distributor.

*Clone Number, Reactivity, Source/Host and Clonality can be found in the product name and Key Features section above.

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DATA

Western blot analysis of HMGA2 expression in HepG2 (A) whole cell lysates. (Predicted band size: 11 kD; Observed band size: 17 kD)

STORAGE

Store at 4°C short term. For long term storage, store at -20°C, avoiding freeze/thaw cycles.

NOTE

For Research Use Only. Not for diagnostic, therapeutics, prophylactic or in vivo use.