

## DATASHEET

# MYBBP1A Mouse Monoclonal Antibody(C3985)

CAT. NO. AMA03597

### KEY FEATURES

Target	MYBBP1A	Source / Host	Mouse
Reactivity	Human	Clonality	Monoclonal
Applications	WB	Conjugation	Unconjugated
Form / Buffer	Mouse IgG1 kappa. Liquid in PBS, pH 7.3, 30% glycerol, and 0.01% sodium azide.	Storage	at-20°C

### BACKGROUND

May activate or repress transcription via interactions with sequence specific DNA-binding proteins . Repression may be mediated at least in part by histone deacetylase activity (HDAC activity) . Acts as a corepressor and in concert with CRY1, represses the transcription of the core circadian clock component PER2 . Preferentially binds to dimethylated histone H3 'Lys-9' (H3K9me2) on the PER2 promoter . Has a role in rRNA biogenesis together with PWP1 . Acts as a corepressor and in concert with CRY1, represses the transcription of the core circadian clock component PER2 . Preferentially binds to dimethylated histone H3 'Lys-9' (H3K9me2) on the PER2 promoter . Has a role in rRNA biogenesis together with PWP1 .

### APPLICATION

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

WB	1:500 - 1:2000
----	----------------

\*Results are sample-specific. Please refer to your local assay conditions and test parameters for reference.

### PRODUCT OVERVIEW

Description	Mouse monoclonal antibody to MYBBP1A
Specificity	Recognizes endogenous levels of MYBBP1A protein.
Antibody Type	Primary antibody
Immunogen	Recombinant fusion protein of human MYBBP1A. The exact sequence is proprietary.
Purification	This antibody is purified through a protein G column.
Molecular Weight	Predicted: 148 kD; Observed: 149 kD
Form/Buffer	Mouse IgG1 kappa. Liquid in PBS, pH 7.3, 30% glycerol, and 0.01% sodium azide.
Alternative Names	P160; Myb-binding protein 1A
Gene Symbol	MYBBP1A
Entrez Gene	10514(Human)
SwissProt	Q9BQG0(Human)

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

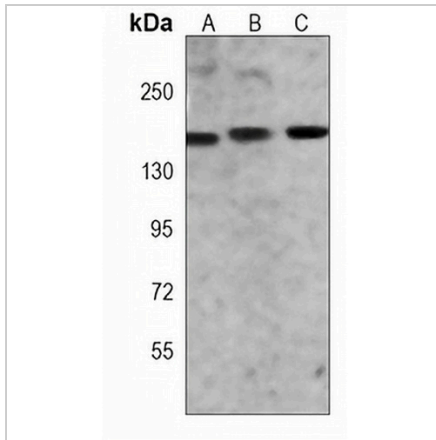
\*Clone Number, Reactivity, Source/Host and Clonality can be found in the product name and Key Features section above.

**DATASHEET**

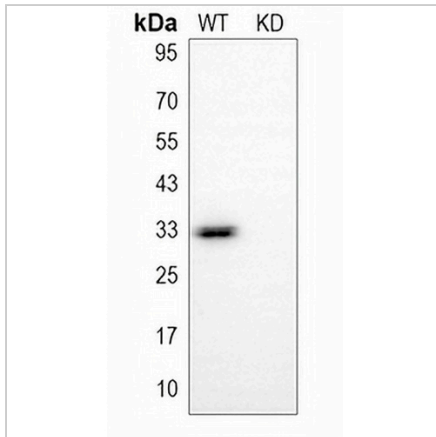
**MYBBP1A Mouse Monoclonal Antibody(C3985)**

CAT. NO. AMA03597

**DATA**



Western blot analysis of MYBBP1A expression in HeLa (A), Jurkat (B), A431 (C) whole cell lysates. (Predicted band size: 148 kD; Observed band size: 149 kD)



Western blot analysis of MYBBP1A expression in wild type (WT) and knockdown (KD) HeLa cell lysates.

**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.