

DATASHEET

MBD3 Mouse Monoclonal Antibody(C3548)

CAT. NO. AMA03160

KEY FEATURES

Target	MBD3	Source / Host	Mouse
Reactivity	Human	Clonality	Monoclonal
Applications	WB	Conjugation	Unconjugated
Form / Buffer	Mouse IgG1. Liquid in PBS, pH 7.3, 30% glycerol, and 0.01% sodium azide.	Storage	at-20°C

BACKGROUND

Acts as a component of the histone deacetylase NuRD complex which participates in the remodeling of chromatin . Acts as transcriptional repressor and plays a role in gene silencing . Does not bind to methylated DNA by itself . Binds to a lesser degree DNA containing unmethylated CpG dinucleotides . Recruits histone deacetylases and DNA methyltransferases.

APPLICATION

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

WB	1:500 - 1:1000
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*Results are sample-specific. Please refer to your local assay conditions and test parameters for reference.

PRODUCT OVERVIEW

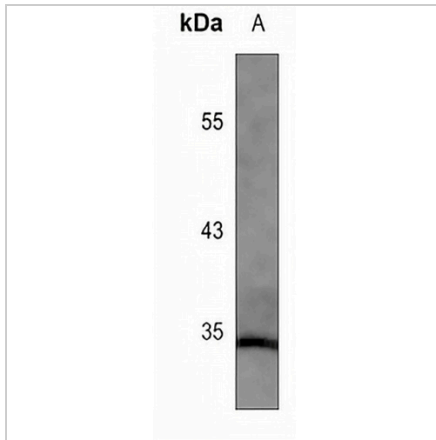
Description	Mouse monoclonal antibody to MBD3
Specificity	Recognizes endogenous levels of MBD3 protein.
Antibody Type	Primary antibody
Immunogen	Recombinant fusion protein of human MBD3. The exact sequence is proprietary.
Purification	This antibody is purified through a protein G column.
Molecular Weight	Predicted: 32 kD; Observed: 32 kD
Form/Buffer	Mouse IgG1. Liquid in PBS, pH 7.3, 30% glycerol, and 0.01% sodium azide.
Alternative Names	Methyl-CpG-binding domain protein 3; Methyl-CpG-binding protein MBD3
Gene Symbol	MBD3
Entrez Gene	53615(Human)
SwissProt	O95983(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 MBD3 expression in K562 (A) whole cell lysates. (Predicted band size: 32 kD; Observed band size: 32 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.