

DATASHEET

CBFA2T3 Mouse Monoclonal Antibody(C3536)

CAT. NO. AMA03148

KEY FEATURES

Target	CBFA2T3	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

Transcriptional corepressor which facilitates transcriptional repression via its association with DNA-binding transcription factors and recruitment of other corepressors and histone-modifying enzymes . Can repress the expression of MMP7 in a ZBTB33-dependent manner . Reduces the protein levels and stability of the transcriptional regulator HIF1A; interacts with EGLN1 and promotes the HIF1A prolyl hydroxylation-dependent ubiquitination and proteasomal degradation pathway . Contributes to inhibition of glycolysis and stimulation of mitochondrial respiration by down-regulating the expression of glycolytic genes including PFKFB3, PFKFB4, PDK1, PFKP, LDHA and HK1 which are direct targets of HIF1A .

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

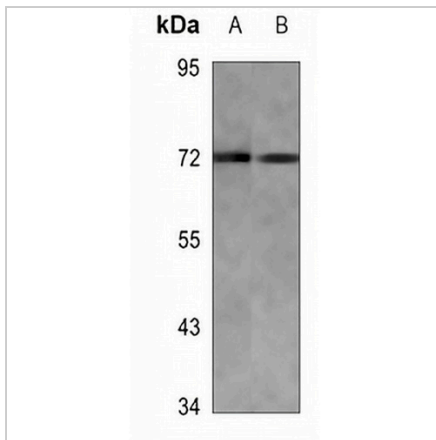
Description	Mouse monoclonal antibody to CBFA2T3
Specificity	Recognizes endogenous levels of CBFA2T3 protein.
Antibody Type	Primary antibody
Immunogen	Recombinant fusion protein of human CBFA2T3. The exact sequence is proprietary.
Purification	This antibody is purified through a protein G column.
Molecular Weight	Predicted: 71 kD; Observed: 71 kD
Form/Buffer	Mouse IgG1 kappa. Liquid in PBS, pH 7.3, 30% glycerol, and 0.01% sodium azide.
Alternative Names	MTG16; MTGR2; ZMYND4; Protein CBFA2T3; MTG8-related protein 2; Myeloid translocation gene on chromosome 16 protein; hMTG16; Zinc finger MYND domain-containing protein 4
Gene Symbol	CBFA2T3
Entrez Gene	863(Human)
SwissProt	O75081(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 CBFA2T3 expression in Jurkat (A), CCRFCEM (B) whole cell lysates. (Predicted band size: 71 kD; Observed band size: 71 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.