

DATASHEET

TIP60 Mouse Monoclonal Antibody(C2787)

CAT. NO. AMA02399

KEY FEATURES

Target	TIP60	Source / Host	Mouse
Reactivity	Human	Clonality	Monoclonal
Applications	WB, FC	Conjugation	Unconjugated
Form / Buffer	Mouse IgG1. Liquid in PBS, pH 7.3, 30% glycerol, and 0.01% sodium azide.	Storage	at-20°C

BACKGROUND

Catalytic subunit of the NuA4 histone acetyltransferase complex, a multiprotein complex involved in transcriptional activation of select genes principally by acetylation of nucleosomal histones H2A and H4. Histone acetylation alters nucleosome-DNA interactions and promotes interaction of the modified histones with other proteins which positively regulate transcription. The NuA4 histone acetyltransferase complex is required for the activation of transcriptional programs associated with proto-oncogene mediated growth induction, tumor suppressor mediated growth arrest and replicative senescence, apoptosis, and DNA repair.

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
FC	1:100 - 1:200

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

PRODUCT OVERVIEW

Description	Mouse monoclonal to TIP60
Specificity	Recognizes endogenous levels of TIP60 protein
Antibody Type	Primary antibody
Immunogen	Recombinant fusion protein of human TIP60 expressed in E. Coli
Purification	This antibody is purified through a protein G column.
Molecular Weight	Predicted: 59 kD; Observed: 59 kD
Form/Buffer	Mouse IgG1. Liquid in PBS, pH 7.3, 30% glycerol, and 0.01% sodium azide.
Alternative Names	HTATIP; TIP60; Histone acetyltransferase KAT5; 60 kDa Tat-interactive protein; Tip60; Histone acetyltransferase HTATIP; HIV-1 Tat interactive protein; Lysine acetyltransferase 5; cPLA(2)-interacting protein
Gene Symbol	KAT5
Entrez Gene	10524(Human)
SwissProt	Q92993(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.

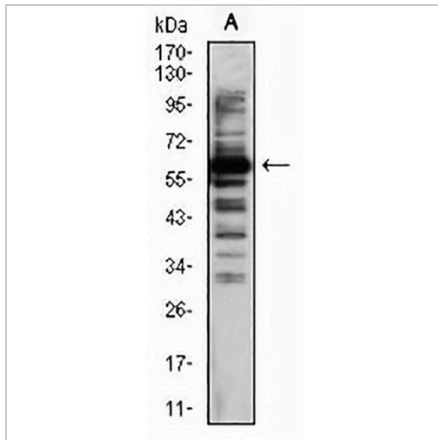
*Clone Number, Reactivity, Source/Host and Clonality can be found in the product name and Key Features section above.

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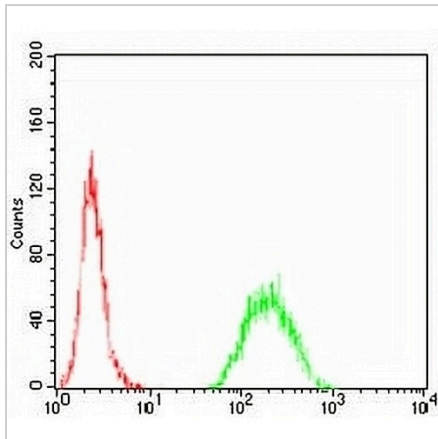
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Western blot analysis of TIP60 expression in HeLa (A) whole cell lysates. (Predicted band size: 59 kD; Observed band size: 59 kD)



Flow cytometric analysis of HeLa cells using Anti-TIP60 Antibody (green) and negative control (red).

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.