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**Product Name: TIP60 Mouse Monoclonal Antibody****Catalog #: AMM81453**

For research use only.

**Summary**

<b>Description</b>	Mouse monoclonal Antibody
<b>Host</b>	Mouse
<b>Application</b>	WB,ELISA,FC
<b>Reactivity</b>	Human
<b>Conjugation</b>	Unconjugated
<b>Modification</b>	Unmodified
<b>Isotype</b>	Mouse IgG1
<b>Clonality</b>	Monoclonal
<b>Form</b>	Liquid
<b>Concentration</b>	1mg/ml
<b>Storage</b>	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
<b>Shipping</b>	Ice bags
<b>Buffer</b>	Purified antibody in PBS with 0.05% sodium azide
<b>Purification</b>	Affinity Purification

**Application**

<b>Dilution Ratio</b>	WB 1:500-1:2000,ELISA 1:5000-1:20000,FC 1:200-1:400
<b>Molecular Weight</b>	58.6kDa

**Antigen Information**

<b>Gene Name</b>	TIP60
<b>Alternative Names</b>	TIP; ESA1; PLIP; KAT5; cPLA2; HTATIP; ZC2HC5; HTATIP1
<b>Gene ID</b>	10524.0
<b>SwissProt ID</b>	Q92993
<b>Immunogen</b>	Purified recombinant fragment of human TIP60 (AA: 18-208) expressed in E. Coli.

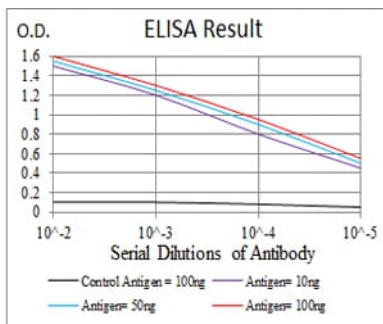
**Background**

The protein encoded by this gene belongs to the MYST family of histone acetyl transferases (HATs) and was originally isolated as an HIV-1 TAT-interactive protein. HATs play important roles in regulating chromatin remodeling, transcription and other nuclear processes by acetylating histone and nonhistone proteins. This protein is a histone acetylase that has a role in DNA

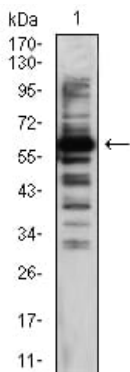
repair and apoptosis and is thought to play an important role in signal transduction. Alternative splicing of this gene results in multiple transcript variants.

## Research Area

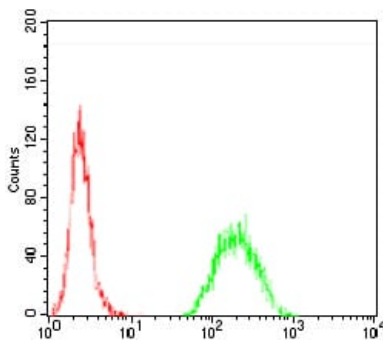
## Image Data



Black line: Control Antigen (100 ng); Purple line: Antigen(10ng); Blue line: Antigen (50 ng); Red line: Antigen (100 ng);



Western blot analysis using TIP60 mouse mAb against Hela (1) cell lysate.



Flow cytometric analysis of Hela cells using TIP60 mouse mAb (green) and negative control (red).