

## Mouse Monoclonal Antibody to TIP60

Catalogue Number	sAP-0114
Target Molecule	<b>Name:</b> TIP60 <b>Aliases:</b> TIP60 (HTATIP) <b>MW:</b> 60kDa <b>Entrez Gene ID:</b> 10524
Description	HTATIP (HIV-1 Tat interacting protein TIP60, about 60kDa) 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. The nucleosome, made up of four core histone proteins (H2A, H2B, H3 and H4), is the primary building block of chromatin. In addition to the growing number of post-translational histone modifications regulating chromatin structure, cells can also exchange canonical histones with variant histones that can directly or indirectly modulate chromatin structure. There are five major variants of histone H2A: canonical H2A (most abundant), H2A.X, MacroH2A, H2ABbd and H2A.Z. Histone H2A.Z, the most
Immunogen	Purified recombinant fragment of human TIP60 expressed in E. Coli.
Recitative Species	Human;
Clone	MM3F9;
Size and Concentration	100µg/1mg/ml
Supplied as	Lyophilized Powder from 100µl of Ascitic fluid containing 0.03% sodium azide.
Reconstitution/Storages	Reconstituted with 100µl sterile DI H2O, at stored at 4°C or -20°C for short or long term storage
Applications	ELISA: 1 to 10000; WB: 1 to 500 - 1 to 2000; IHC: 1 to 200 - 1 to 1000
Shipping	Regular FEDEX overnight shipment (ambient temperature)
Reference	1. Mizuguchi, G. et al. Science 2004 303, 343-348. ; 2. Jin, J. et al. Trends Biochem. Sci. 2005 30, 680-687. ; 3. Raisner, R.M. and Madhani, H.D. Curr. Opin. Genet. 2006 Dev. 16, 119-124. ;

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**