

Mouse Monoclonal Antibody to MYST1

Catalogue Number	sAP-0113
Target Molecule	<p>Name: MYST1</p> <p>Aliases: MOF; KAT8; hMOF</p> <p>MW: 53kDa</p> <p>Entrez Gene ID: 84148</p>
Description	<p>MYST1 (MYST histone acetyltransferase 1, MOF) belongs to the MYST family of histone acetyltransferases, which are employed in the cell to bring about transcriptional regulation. The MYST family includes MYST1, is named for the founding members MOZ, yeast YBF2 and SAS2, and TIP60. All members of this family contain a MYST region of about 240 amino acids with a canonical acetyl-CoA-binding site and a C2HC-type zinc finger motif. Most MYST proteins also have a chromodomain involved in protein- protein interactions and targeting transcriptional regulators to chromatin. Although MOF is expressed in both males and females, it associates with the X chromosome only in males. MOF contains a zinc-finger domain that is used to contact the globular part of the nucleosome and histone H4. The carboxy terminal domain of hu-</p>
Immunogen	Purified recombinant fragment of human MYST1 expressed in E. Coli.
Recombinant Species	Human
Clone	MM8C4C4;
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 H ₂ O, 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; ICC: 1 to 200 - 1 to 1000
Shipping	Regular FEDEX overnight shipment (ambient temperature)
Reference	<p>1. Sterner, D.E., et al. Microbiol. Mol. Biol 2000 Rev. 64: 435-459. ; 2. Neal, K.C., et al. Biochim. Biophys. 2000 Acta 1490: 170-174. ; 3. Akhtar, A., et al. EMBO 2001 Rep. 2: 113-118. ;</p>

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**