

Mouse anti-Human MYST1 Antibody | anti-MYST1 antibody

MYST1 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA108510	Mouse	Human	ELISA, Immunofluorescence, Immunohistochemistry, Western Blot

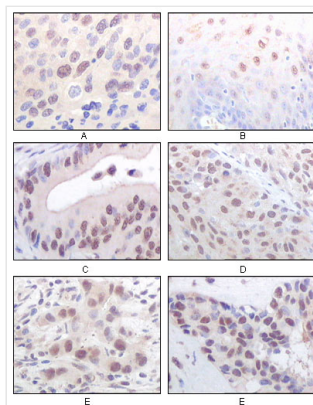
PRODUCT SYNONYMS

MYST1; MYST1 Antibody; MOF; KAT8; hMOF; anti-MYST1 antibody

PRODUCT SPECIFICATIONS

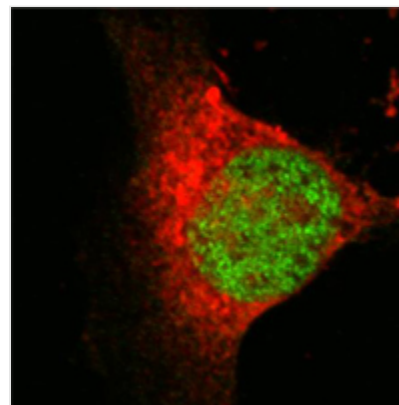
Host	Mouse
Reactivity	Human
Isotype	IgG2b
Clone Number	8C4C4
Form/Format	Ascitic fluid containing 0.03% sodium azide.
Sequence Length	458
Applicable Applications for anti-MYST1 antibody	ELISA, IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	Purified recombinant fragment of human MYST1 expressed in E. Coli.
Preparation and Storage	Store at 4 degree C, for long term storage, store at -20 degree C

IMAGES



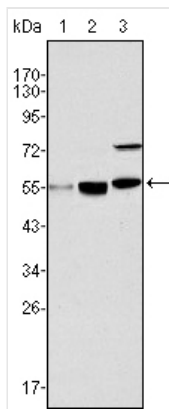
Application Data

Figure 2. Immunohistochemical analysis of paraffin-embedded human esophageal squamous cell carcinoma (A), normal esophagus epithelium (B), rectum adenocarcinoma (C), lung squamous cell carcinoma (D), breast infiltrating carcinoma (E), and breast infiltrating carcinoma (F) tissues, showing nuclear localization using MOF/MYST1 mouse mAb with DAB staining.



Application Data

Figure 3. Confocal immunofluorescence analysis of Eca 109 cells using MOF/MYST1 mouse mAb (green), showing nuclear localization.



Application Data

Figure 1. Western blot analysis using MYST1 mouse mAb against HeLa (1), HepG2 (2) and SMMC-7721 (3) cell lysate.

ADDITIONAL INFORMATION

Related Product Information for anti-MYST1 antibody	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.
Product Categories/Family for anti-MYST1 antibody	Autophagy antibody; Cancer; Cardiovascular; Cell Biology; Epigenetics & Nuclear Signaling; Developmental Biologys; Immunology; Drug Discovery Products; Metabolism; Neuroscience; Signal Transduction; Stem Cells

NCBI AND UNIPROT INFORMATION

NCBI GI #	226371636
NCBI GeneID	84148
NCBI Accession #	NP_115564.2
NCBI GenBank Nucleotide #	NM_032188.2
UniProt Accession #	Q9H7Z6; Q659G0; Q7LC17; Q8IY59; Q8WYB4; Q8WZ14; Q9HAC5; Q9NR35; A8K4Z1; G5E9P2
Molecular Weight	53Kd
NCBI Official Full Name	histone acetyltransferase KAT8 isoform 1
NCBI Official Synonym Full Names	lysine acetyltransferase 8
NCBI Official Symbol	KAT8
NCBI Official Synonym Symbols	MOF; hMOF; MYST1; ZC2HC8
NCBI Protein Information	histone acetyltransferase KAT8
UniProt Protein Name	Histone acetyltransferase KAT8
UniProt Gene Name	KAT8
UniProt Synonym Gene Names	MOF; MYST1; MYST-1; hMOF

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

