
MYST1 (8C4C) Antibody

Subcategory: Mouse Monoclonal Antibody

Cat. No.: 252713

Unit: 0.1 ml

Description:

MYST1 (MYST histone acetyltransferase 1) belongs to the MYST family of histone acetyltransferases, is a transcriptional regulator. The MYST family includes MYST1, 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 human MOF also has histone acetyltransferase activity directed against histones H3 and H2A, a characteristic shared with other MYST family histones.

Isotype: Mouse IgG2b

Applications: WB, IHC, IF

Species Reactivity: H

Format: Each vial contains 0.1 ml ascitic fluid with 0.03% sodium azide.

Alternate Names: MOF; KAT8; hMOF; Lysine acetyltransferase 8; MOZ; YBF2/SAS3; SAS2; TIP60 protein 1

Accession No.: Q9H7Z6

Antigen: Purified recombinant fragment of human MYST1 expressed in *E. coli*.

Application Notes: WB: 1:500-1:2000; IHC: 1:200-1:1000; IF: 1:200-1:1000;

Storage: Store at 4°C for short term use only. Store at -20°C for storage over 1 month. Product is guaranteed 6 months from the date of shipment.

For research use only, not for diagnostic or therapeutic procedures.