
HDAC3 (7G6C) Antibody

Subcategory: Mouse Monoclonal Antibody

Cat. No.: 252811

Unit: 0.1 ml

Description:

HDAC3 (Histone deacetylase 3) is a histone deacetylase protein. Histones play a critical role in transcriptional regulation, cell cycle progression and developmental events. Histone acetylation/deacetylation alters chromosome structure and affects transcription factor access to DNA. HDAC3 belongs to the histone deacetylase/acuc/apha family. It has histone deacetylase activity and represses transcription when tethered to a promoter. It may participate in the regulation of transcription through its binding with the zinc-finger transcription factor YY1. This protein can also down-regulate p53 function and thus modulate cell growth and apoptosis. This gene is regarded as a potential tumor suppressor gene.

Isotype: Mouse IgG2a

Applications: WB, IF

Species Reactivity: H

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

Alternate Names: Histone deacetylase 3; HD3; RPD3-2; SMAP45; HDAC3

Accession No.: O15379

Antigen: Purified recombinant fragment of human HDAC3 (aa224-428) expressed in *E. coli*.

Application Notes: WB: 1:500-1:2000; 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.