
EP300 (7D8A) Antibody

Subcategory: Mouse Monoclonal Antibody

Cat. No.: 252813

Unit: 0.1 ml

Description:

EP300 (E1A binding protein p300) is an adenovirus E1A-associated cellular p300 transcriptional co-activator protein. It is a histone acetyltransferase that regulates transcription via chromatin remodeling and is important in the processes of cell proliferation and differentiation. It mediates cAMP-gene regulation by binding specifically to phosphorylated CREB protein. p300 has also been identified as a co-activator of HIF1A (hypoxia-inducible factor 1 alpha), and thus plays a role in the stimulation of hypoxia-induced genes such as VEGF. Defects in this protein cause of Rubinstein-Taybi syndrome and may also play a role in epithelial cancer.

Isotype: Mouse IgG1

Applications: WB

Species Reactivity: H

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

Alternate Names: EP300 protein; p300; KAT3B

Accession No.: Q7Z6C1

Antigen: Purified recombinant fragment of EP300 expressed in E. coli.

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

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.