



Category: Monoclonal Antibodies
Product Name: Mouse Monoclonal Antibody to EP300

Catalog Number: MAB-606020261

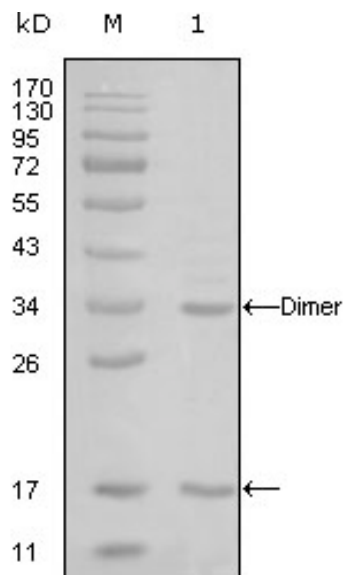


Figure 1: Western blot analysis using EP300 mouse mAb against truncated EP300-His recombinant protein (1).

Catalog#: 20261
Lot#:
Clone#: 7D8A6
Host and isotype: Mouse IgG1
Size: 0.1ml
MW:
Aliases: p300; KAT3B
Entrez Gene: 2033
Species reactivity: Human

Description EP300: E1A binding protein p300. This gene encodes the adenovirus E1A-associated cellular p300 transcriptional co-activator protein. It functions as 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. This gene 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 gene are a cause of Rubinstein-Taybi syndrome and may also play a role in epithelial cancer.

Immunogen Purified recombinant fragment of EP300 expressed in E. Coli.

Application Western Blotting: 1/500 - 1/2000.
ELISA: Propose dilution 1/10000.
Not yet tested in other applications.
Determining optimal working dilutions by titration test.

Formulation Ascitic fluid containing 0.03% sodium azide.

Storage Store at 4iæ, for long term storage, store at -20iæ.

Related product

References 1. J Biol Chem. 2007 Mar 30;282(13):9678-87.
2. Mol Cell Biol. 2008 Feb;28(4):1383-92.

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