

p300 (AB2463) mouse mAb

W0083

Key Features

Host Species

- Mouse

Reactivity

- Human; Mouse;

Applications

- WB; IF; ELISA

MW

- 264 kDa (calculated)
- 264 kDa (observed)

Isotype

- IgG

Recommended Dilution Ratios

Application

WB; IF; ELISA

Dilution

WB, 1:500-1:2000 | IF, 1:100-1:500 | ELISA, Recommended starting concentration is 1 µg/mL.

Please optimize the concentration based on your specific assay requirements.

Storage

Storage Conditions

Store at -20°C. Avoid freeze / thaw cycles.

Storage buffer

The antibody is provided in liquid form in phosphate - buffered saline with 50% glycerol, 0.05% BSA, and 0.05% Proclin 300.

Basic Information

Clonality Monoclonal

Clone Number AB2463

Immunogen A synthetic peptide corresponding to the amino acid region 1 - 100 of the human p300 protein.

Specificity This antibody detects endogenous levels of p300 protein.

Purification Affinity purification Protein A

Concentration Product concentration may vary by batch. Please refer to the product COA for details.

Target Information

Gene name EP300

Protein Name p300

Database Link	Organism	Swiss Prot.	Gene ID
	Human	Q09472	2033

Background E1A binding protein p300 (EP300) Homo sapiens 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. [provided by RefSeq, Jul 2008],



2200 Ringwood Ave. San Jose, CA 95131
1 (877) 594-3616 (Toll Free), (408) 747-0185

www.assaybiotechnology.com
tech@assaybiotech.com | order@assaybiotech.com
