

KAT2B monoclonal antibody

Catalog: MB22710

Host: Mouse

Reactivity: Human, Mouse, Rat, Monkey

BackGround:

CBP and p300 are large nuclear proteins that bind to many sequence-specific factors involved in cell growth and/or differentiation, including c-jun and the adenoviral oncoprotein E1A. The protein encoded by this gene associates with p300/CBP. It has in vitro and in vivo binding activity with CBP and p300, and competes with E1A for binding sites in p300/CBP. It has histone acetyl transferase activity with core histones and nucleosome core particles, indicating that this protein plays a direct role in transcriptional regulation.

Product:

Purified antibody in PBS with 0.05% sodium azide

Molecular Weight:

93kDa

Swiss-Prot:

Q92831

Purification&Purity:

The antibody was affinity-purified from mouse ascites by affinity-chromatography using epitope-specific immunogen and the purity is > 95% (by SDS-PAGE).

Applications:

IHC:1/200 - 1/1000 IF:1/200 - 1/1000 FC:1/200 - 1/400

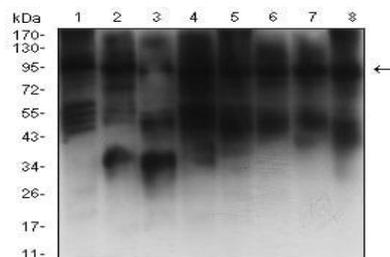
Storage&Stability:

Store at 4 °C short term. Aliquot and store at -20 °C long term. Avoid freeze-thaw cycles.

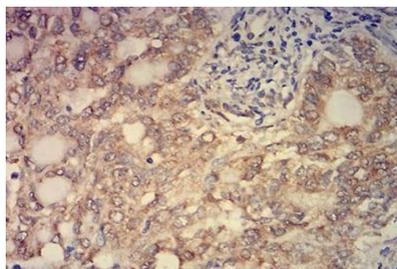
Isotype:

Mouse IgG1

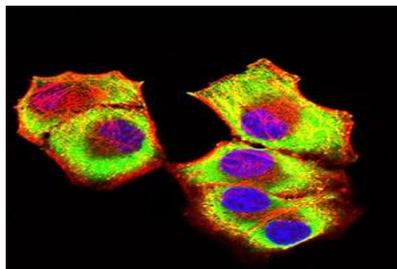
DATA:



Western blot analysis using KAT2B mouse mAb against C2C12 (1), COS7 (2), HepG2 (3), HCT116 (4), A431 (5), LNCAP (6), NIH/3T3 (7), and F9 (8) cell lysate.



Immunohistochemical analysis of paraffin-embedded human cervical cancer tissues using KAT2B mouse mAb with DAB staining.



Immunofluorescence analysis of HeLa cells using KAT2B mouse mAb (green). Blue: DRAQ5 fluorescent DNA dye. Red: Actin filaments have been labeled with Alexa Fluor-555 phalloidin. Secondary antibody from Fisher (Cat#: 35503)

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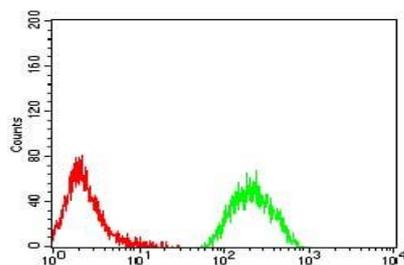
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Flow cytometric analysis of MOLT4 cells using KAT2B mouse mAb (green) and negative control (red).

Note:

For research use only, not for use in diagnostic procedure.

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