

**CDKN2A/p16INK4a monoclonal antibody**

Catalog: MB10721

Host: Rabbit

Reactivity: Mouse, Rat

**BackGround:**

Acts as a negative regulator of the proliferation of normal cells by interacting strongly with CDK4 and CDK6. This inhibits their ability to interact with cyclins D and to phosphorylate the retinoblastoma protein. Caution The proteins described here are encoded by the gene CDKN2A, but are completely unrelated in terms of sequence and function to tumor suppressor ARF (AC Q64364) which is encoded by the same gene.

**Product:**

50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% BSA

**Molecular Weight:**

Calculated MW: 18 kDa; Observed MW: 18 kDa

**Swiss-Prot:**

P51480

**Purification&Purity:**

Affinity Purified

**Applications:**

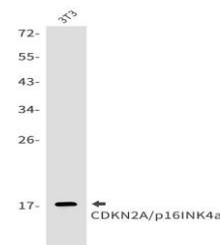
WB: 1/500-1/1000 IF: 1/50-1/200 IP: 1/20

**Storage&Stability:**

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

**Isotype:**

IgG

**DATA:**

Western blot analysis of CDKN2A/p16INK4a in 3T3 lysates using CDKN2A antibody.

Western blot analysis of CDKN2A/p16INK4a in C6 lysates using CDKN2A/p16INK4a antibody.

**Note:**

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

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