

## CDKN2A/P16INK4A RABBIT MAB

**Cat.#:** N262022

**Product Name:** Anti-CDKN2A/p16INK4a Rabbit Monoclonal Antibody

**Synonyms:** Cdkn2a;P16ink4a;Cyclin-dependent kinase 4 inhibitor A (CDK4I);p16-INK4a ;p16-INK4

**UNIPROT ID:** P51480

**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.

**Immunogen:** Recombinant protein of mouse CDKN2A/p16INK4a

**Applications:** WB, ICC/IF, IP

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

**Host Species:** Rabbit

**Clonality:** Rabbit Monoclonal

**Clone ID:** R07-2K1

**MW:** Calculated MW: 18 kDa; Observed MW: 18 kDa

**Isotype:** IgG

**Purification:** Affinity Purified

**Species Reactivity:** Mouse, Rat

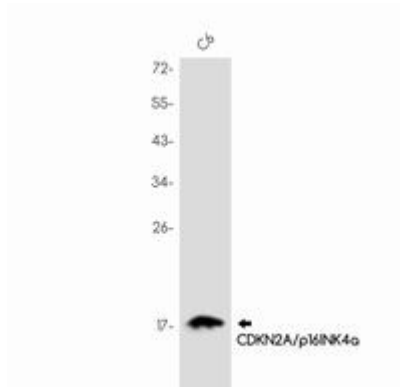
**Conjugation:** Unconjugated

**Modification:** Unmodified

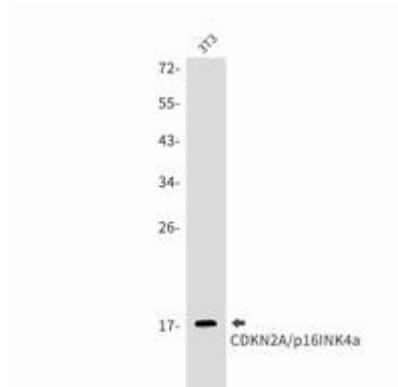
**Constituents:** PBS (without Mg<sup>2+</sup> and Ca<sup>2+</sup>), pH 7.3 containing 50% glycerol, 0.5% BSA and 0.02% sodium azide

**Research Areas:** Cell Biology

**Storage & Shipping:** Store at -20°C. Avoid repeated freezing and thawing



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



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