

## International Office

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**Research Use Only. Not for  
diagnostic or therapeutic use.**

## EB11213 - Goat Anti-P19ARF (mouse) Antibody

Size: 100µg specific antibody in 200µl



### Target Protein

**Principal Names:** Arf, ARF-INK4a, CDK4I, cyclin-dependent kinase 4 inhibitor A, cyclin-dependent kinase inhibitor 2A, cyclin-dependent kinase inhibitor 2A (p16, inhibits CDK4), cyclin-dependent kinase inhibitor 2A, isoforms 1/2, cyclin-dependent kinase inhibitor protein, Ink4a/Arf, INK4a-ARF, mitochondrial smARF, MTS1, OTTMUSP00000008143, p16, p16(INK4a), p16-INK4, p16INK4a, p16-INK4a, p19ARF, Pctr1, RP23-166I8.5, Cdkn2a

**Official Symbol:** Cdkn2a

**Accession Number(s):** NP\_034007.1

**Non-Human GeneID(s):** 12578 (mouse)

**Important Comments:** This antibody is expected to recognize isoform p19ARF (NP\_034007.1) only.

### Immunogen

Peptide with sequence C-RRGPHRNPGPGDDD, from the internal region of the protein sequence according to NP\_034007.1.

Please note the [peptide](#) is available for sale.

### Purification and Storage

Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.

Supplied at 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin.

Aliquot and store at -20°C. Minimize freezing and thawing.

### Applications Tested

**Peptide ELISA:** antibody detection limit dilution 1:64000.

**Western blot:** Approx 18kDa band observed in Mouse and Rat Liver lysates (calculated MW of 19.2kDa according to Mouse NP\_034007.1 and 17.4kDa according to Rat NP\_113738.1). Recommended concentration: 0.3-1µg/ml.

### Species Reactivity

**Tested:** Mouse, Rat

**Expected from sequence similarity:** Mouse



EB11213 (0.3 $\mu$ g/ml) staining of Mouse (A) and Rat (B) Liver lysate (35 $\mu$ g protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.