

## UK Office

### Everest Biotech Ltd

Cherwell Innovation Centre  
77 Heyford Park  
Upper Heyford  
Oxfordshire  
OX25 5HD  
UK

Enquiries:

[info@everestbiotech.com](mailto:info@everestbiotech.com)

Sales:

[sales@everestbiotech.com](mailto:sales@everestbiotech.com)

Tech support:

[support@everestbiotech.com](mailto:support@everestbiotech.com)

Tel: +44 (0)1869 238326

[www.everestbiotech.com](http://www.everestbiotech.com)

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

## EB07092 - Goat Anti-CDKN2A (isoform 3) Antibody

Size: 100µg specific antibody in 200µl



### Target Protein

**Principal Names:** CDKN2A, cyclin-dependent kinase inhibitor 2A (melanoma, p16, inhibits CDK4), HGNC:1787, ARF, CDK4I, CDKN2, CMM2, INK4, INK4a, MLM, MTS1, TP16, p14, p14ARF, p16, p16INK4, p16INK4a, p19, CDK4 inhibitor p16-INK4, cell cycle negative regulator beta, cyclin-dependent kinase inhibitor 2A, cyclin-dependent kinase inhibitor 2A, p14ARF, cyclin-dependent kinase inhibitor p12, p16INK4a alternatively spliced form, cyclin-dependent kinase inhibitor p16, multiple tumor suppressor 1

**Official Symbol:** CDKN2A

**Accession Number(s):** NP\_478104.1

**Human GeneID(s):** [1029](#)

**Important Comments:** This antibody is expected to recognize the pancreas isoform (NP\_478104.1) only.

### Immunogen

Peptide with sequence C-ILRKKGRLPGEFSE, from the internal region of the protein sequence according to NP\_478104.1.

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 1:128000.

**Western blot:** Approx 17kDa band observed in lysates of cell line HeLa (calculated MW of 12.1kDa according to NP\_478104.1). Recommended concentration: 1-3µg/ml.

### Species Reactivity

**Tested:** Human

**Expected from sequence similarity:** Human

EB07091 (1µg/ml) staining of HeLa lysate (35µg protein in RIPA buffer). Primary incubation was 1 hour.  
Detected by chemiluminescence.