

UK Office

Everest Biotech Ltd

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

Enquiries:

UK

info@everestbiotech.com

Sales:

sales@everestbiotech.com

Tech support:

support@everestbiotech.com

Tel: +44 (0)1869 238326

www.everestbiotech.com

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, RP23-166l8.5, Cdkn2a Official Symbol: Cdkn2a

Accession Number(s): NP_034007.1 Non-Human GenelD(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

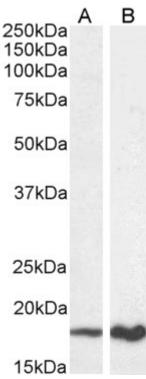
Peptide ELISA: antibody detection limit dilution 1:64000.

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