



## International Office

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

## EB11215 - Goat Anti-p15INK4b (isoform 2) Antibody

Size: 100µg specific antibody in 200µl



### Target Protein

**Principal Names:** CDK inhibitory protein, CDK4B inhibitor, CDK4I, cyclin-dependent kinase 4 inhibitor B, cyclin-dependent kinase inhibitor 2B (p15, inhibits CDK4), cyclin-dependent kinases 4 and 6 binding protein, INK4B, MTS2, MTS-2, multiple tumor suppressor 2, p14\_CDK inhibitor, p14\_INK4B, p14-INK4b, P15, p15 CDK inhibitor, p15\_INK4B, p15INK4b, p15-INK4b, TP15, CDKN2B

**Official Symbol:** CDKN2B

**Accession Number(s):** NP\_004927.2; NP\_511042.1

**Human GeneID(s):** [1030](#)

**Important Comments:** This antibody is expected to recognize isoform 2 (NP\_511042.1) only.

### Immunogen

Peptide with sequence C-RQGARERGARP, from the C Terminus of the protein sequence according to NP\_004927.2; NP\_511042.1.

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

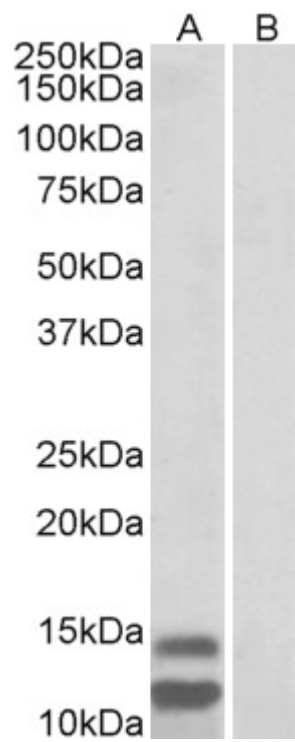
**Peptide ELISA:** antibody detection limit dilution 1:128000.

**Western blot:** Approx 12+14kDa bands observed in Human Gastrointestinal cancer lysates (calculated MW of 8.1kDa according to NP\_511042.1). The observed 14kDa cannot represent isoform 1 and therefore it most likely represents another posttranslational modification of isoform 2. Recommended concentration: 1-3µg/ml.

### Species Reactivity

**Tested:** Human

**Expected from sequence similarity:** Human



EB11215 (1µg/ml) staining of Human Gastrointestinal cancer lysate (35µg protein in RIPA buffer) with (B) and without (A) blocking with the immunizing peptide. Primary incubation was 1 hour. Detected by chemiluminescence.