



## International Office

### Everest Biotech Ltd

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

## EB05621 - Goat Anti-Centromere protein E Antibody

Size: 100µg specific antibody in 200µl



### Target Protein

**Principal Names:** CENPE, CENP-E, centromere protein E (312kD), Centromere autoantigen E (312kD), centromere protein E, 312kDa, KIF10, centromere protein E, kinesin family member 10

**Official Symbol:** CENPE

**Accession Number(s):** NP\_001804.2

**Human GeneID(s):** [1062](#)

### Immunogen

Peptide with sequence HASSGKDVPECKTQ, from the C Terminus of the protein sequence according to NP\_001804.2.

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 1:32000.

**Western blot:** Not yet tested - our routinely used western blotting protocol does not allow detection of proteins as large as the predicted size of approx. 316kDa according to NP\_001804. Therefore we cannot recommend an optimal concentration and the product is Investigative Grade. We would appreciate any feedback from people in the field - have any results been reported with other antibodies/lysates? Have any further splice variants/modified forms been reported?

### Species Reactivity

**Tested:**

**Expected from sequence similarity:** Human, Rat, Dog, Cow