



## International Office

### Everest Biotech Ltd

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

## EB06421 - Goat Anti-FOXP4 Antibody

Size: 100µg specific antibody in 200µl



### Target Protein

**Principal Names:** FOXP4, forkhead box P4, winged-helix repressor FOXP4, fork head-related protein like A, FLJ40908, FLJ44184, hFKHLA, OTTHUMP00000043536

**Official Symbol:** FOXP4

**Accession Number(s):** NP\_001012426.1; NP\_612466.1; NP\_001012427.1

**Human GeneID(s):** [116113](#)

**Non-Human GeneID(s):** 74123 (mouse)

**Important Comments:** This antibody is expected to recognize all three reported isoforms (NP\_001012426.1; NP\_612466.1; NP\_001012427.1).

### Immunogen

Peptide with sequence VESASETIRSAPSG-C, from the N Terminus of the protein sequence according to NP\_001012426.1; NP\_612466.1; NP\_001012427.1.

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 1:4000.

**Western blot:** A customer observed a band at approx 75kDa in cell lysates of FOXP4-transfected HEK293 and preliminary testing showed a band at approx 75kDa in nuclear lysate of cell line Jurkat at a concentration of 2ug/ml (calculated MW of 73.5kDa according to NP\_001012426.1). Primary incubation 1 hour at room temperature. Recommended concentration: 1-3µg/ml.

### Species Reactivity

**Tested:**

**Expected from sequence similarity:** Human, Mouse, Cow