



International Office

Everest Biotech Ltd

Vector Laboratories, Inc.
6737 Mowry Ave
Newark, CA 94560
United States

Customer Service:

customerservice@vectorlabs.com

Technical Service:

technical@vectorlabs.com

Tel: +1 (800) 227-6666

www.everestbiotech.com

**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