

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.

EB05284-B - Goat Anti-GRB2, biotinylated Antibody

Size: 100µg specific antibody in 200µl



Target Protein

Principal Names: GRB2, growth factor receptor-bound protein 2, ASH, EGFRBP-GRB2, Grb3-3, MST084, MSTP084, NCKAP2, HT027, SH2/SH3 adapter GRB2, abundant SRC homology, epidermal growth factor receptor-binding protein GRB2, growth factor receptor-bound protein 3, protein Ash

Official Symbol: GRB2

Accession Number(s): NP_002077.1; NP_987102.1

Human GenelD(s): 2885

Non-Human GenelD(s): 14784 (mouse), 81504 (rat)

Important Comments: This antibody is expected to recognize both reported isoforms

(NP_002077.1and NP_987102.1).

Immunogen

Peptide with sequence C-PRNYVTPVNRNV., from the C Terminus of the protein sequence according to NP_002077.1; NP_987102.1.

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

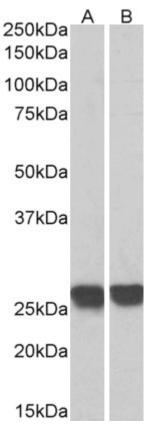
Peptide ELISA: antibody detection limit dilution 1:32000.

Western blot: Approx 26kDa band observed in lysates of Human Thymus and of cell line MOLT4 (calculated MW of 25.2kDa according to NP_002077.1). See non-biotinylated parental product's datasheet for further QC data. Recommended concentration: 0.3-1µg/ml.

Species Reactivity

Tested: Human, Mouse, Rat, Pig

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



Biotinylated EB05284 (0.3µg/ml) staining of MOLT4 (A) and Human Thymus (B) lysates (35µg protein in RIPA buffer), exactly mirroring its parental non-biotinylated product. Primary incubation was 1 hour. Detected by chemil