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**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 GeneID(s): [2885](#)

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

Important Comments: This antibody is expected to recognize both reported isoforms (NP_002077.1 and 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

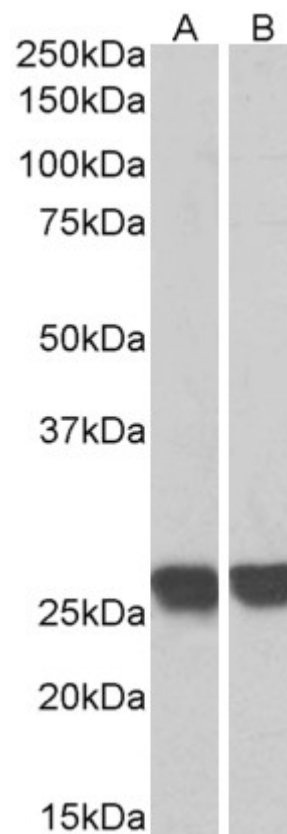
Peptide ELISA: antibody detection limit dilution 1:32000.

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 (0.3 μ g/ml) staining of MOLT4 (A) and Human Thymus (B) lysates (35 μ g protein in RIPA buffer), exactly mirroring its parental non-biotinylated product. Primary incubation was 1 hour. Detected by chemiluminescence, using streptavidin-HRP and using NAP blocker as a substitute for skimmed milk.