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Research Use Only. Not for diagnostic or therapeutic use.

EB07587-B - Goat Anti-TCF3 / ITF1, Biotinylated Antibody

Size: 100µg specific antibody in 200µl



Target Protein

Principal Names: TCF3, transcription factor 3, E2A, E47, ITF1, TCF-3, VDIR, bHLHb21, NOL1-TCF3 fusion, VDR interacting repressor, class B basic helix-loop-helix protein 21, helix-loop-helix protein HE47, immunoglobulin transcription factor 1, kappa-E2-binding factor, negative vitamin D response element-binding protein, transcription factor 3 (E2A immunoglobulin enhancer binding factors E12/E47), transcription factor 3 variant 3, transcription factor ITF-1, vitamin D receptor-interacting repressor, E2A immunoglobulin enhancer-binding factor E12/E47, MGC129647, MGC129648, transcription factor E2-alpha

Official Symbol: TCF3

Accession Number(s): NP_003191.1

Human GenelD(s): 6929

Important Comments: This antibody is expected to recognize reported isoform E12

(NP_003191.1) only.

Immunogen

Peptide with sequence C-KAPRARTSPDEDED., from the internal region of the protein sequence according to NP_003191.1.

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 1:128000.

Western blot: Approx 75kDa band observed in lysates of cell line Daudi (calculated MW of 67.6kDa according to NP_003191.1). See non-biotinylated parental product's datasheet for further QC data. Recommended concentration: 0.3-1µg/ml.

Species Reactivity

Tested: Human

Expected from sequence similarity: Human

250kDa 150kDa 100kDa 75kDa 50kDa 37kDa 25kDa 20kDa

Biotinylated EB07587 (0.3µg/ml) staining of Daudi lysate (35µg 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.