

## UK Office

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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 GeneID(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



Biotinylated EB07587 (0.3 $\mu$ g/ml) staining of Daudi lysate (35 $\mu$ 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.