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## **TCF3 (6B8) Antibody**

**Subcategory:** Mouse Monoclonal Antibody

**Cat. No.:** 252972

**Unit:** 0.1 ml

**Description:**

TCF3 (Transcription factor 3) is a transcriptional regulator, involved in the initiation of neuronal differentiation. Heterodimers between TCF3 and tissue-specific basic helix-loop-helix (bHLH) proteins play major roles in determining tissue-specific cell fate during embryogenesis, like muscle or early B-cell differentiation. Dimers bind DNA on E-box motifs: 5'-CANNTG-3'. Binds to the kappa-E2 site in the kappa immunoglobulin gene enhancer.

**Isotype:** mouse IgG1

**Applications:** WB, FC

**Species Reactivity:** H

**Format:** Each vial contains 0.1 ml ascitic fluid with 0.03% sodium azide.

**Alternate Names:** Transcription factor E2-alpha; Class B basic helix-loop-helix protein 21; bHLHb21; Immunoglobulin enhancer-binding factor E12/E47; Immunoglobulin transcription factor 1; Kappa-E2-binding factor; Transcription factor 3; TCF-3; Transcription factor ITF-1; BHLHB21; E2A; ITF1; TCF3

**Accession No.:** P15923

**Antigen:** Purified recombinant fragment of human TCF3 expressed in *E. coli*.

**Application Notes:** WB: 1:500-1:2000; FC: 1:200-1:400;

**Storage:** Store at 4°C for short term use only. Store at -20°C for storage over 1 month. Product is guaranteed 6 months from the date of shipment.

For research use only, not for diagnostic or therapeutic procedures.