

**Tcf3 Rat mAb**

Catalog: BS49695

Host: Rat

Reactivity: Mouse, Rat

BackGround:

Enables several functions, including DNA-binding transcription factor binding activity; E-box binding activity; and protein heterodimerization activity. Contributes to DNA-binding transcription activator activity, RNA polymerase II-specific and RNA polymerase II cis-regulatory region sequence-specific DNA binding activity. Involved in gastrulation; positive regulation of neuron differentiation; and positive regulation of transcription by RNA polymerase II. Acts upstream of with a positive effect on transcription by RNA polymerase II. Acts upstream of or within several processes, including immune system development; lymphocyte differentiation; and regulation of gene expression. Located in cytosol and nucleus. Part of RNA polymerase II transcription regulator complex and nucleosome. Is expressed in several structures, including brain; branchial arch; genitourinary system; integument; and retina. Used to study acute lymphoblastic leukemia. Human ortholog(s) of this gene implicated in agammaglobulinemia 8A; agammaglobulinemia 8B; and colorectal cancer. Orthologous to human TCF3 (transcription factor 3). [provided by Alliance of Genome Resources, Jul 2025]

Product:

1mg/ml in 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% sodium azide and 0.05% BSA.

Molecular Weight:

68 kDa

Swiss-Prot:

P15806

Purification&Purity:

Affinity Purification

Applications:

WB: 1:1000
IHC-P: 1:100-1:200

Storage&Stability:

Store at 4 °C short term. Aliquot and store at -20 °C long term. Avoid freeze-thaw cycles.

Specificity:

The antibody detects endogenous levels of it.

DATA:**Note:**

For research use only, not for use in diagnostic procedure.

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