

**Tcf3 (DGR33174) Rat mAb**

db22063

Package : 10µL 20µL 50µL 100µL

**Product Name** : Tcf3 (DGR33174) Rat mAb**Cat.No.:** db22063**Synonyms** : A1; E12; E2A; E47; KA1; ME2; ALF2; Pan1; Pan2; VDIR; TCF-3; Tcfe2a; E12/E47; bHLHb21**Application** : WB, IHC-P**Reactivity** : Mouse, Rat**Host species** : 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]

**Immunogen**

Recombinant protein of mouse Tcf3

**Gene ID**

21423

**Swiss Prot**

P15806

**Synonyms**

A1; E12; E2A; E47; KA1; ME2; ALF2; Pan1; Pan2; VDIR; TCF-3; Tcfe2a; E12/E47; bHLHb21

**Reactivity**

Mouse, Rat

**Application**

WB, IHC-P

**Recommended dilution**WB: 1:1000  
IHC-P: 1:100-1:200**Calculated MW**

68 kDa

**Observed MW**

68 kDa

**Host species**

Rat

<b>Clonality</b>	Monoclonal
<b>Clonality No.</b>	DGR33174
<b>Isotype</b>	IgG2b
<b>Purity</b>	Affinity Purification
<b>Conjugation</b>	Un-conjugated
<b>Storage Stability</b>	Store at -20°C. Supplied in 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40%Glycerol, 0.01% sodium azide and 0.05% BSA. Stable for 12 months from date of receipt.