

**Product Name: Transcription Factor E3 Rabbit
Monoclonal antibody
Catalog #: AMRe02684**

Summary

Production Name	Transcription Factor E3 Rabbit Monoclonal antibody
Description	Recombinant Rabbit Monoclonal antibody
Host	Rabbit
Application	WB,IHC-F,IHC-P,ICC/IF
Reactivity	Human,Mouse

Performance

Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG
Clonality	Monoclonal Antibody
Form	Liquid
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
Buffer	50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% BSA
Purification	Affinity Purified

Immunogen

Gene Name	TFE3
Alternative Names	TFE3; BHLHE33; Transcription factor E3; Class E basic helix-loop-helix protein 33; bHLHe33
Gene ID	7030
SwissProt ID	P19532.

Application

Dilution Ratio	WB: 1:500-1:1000 IHC: 1:50-1:100 IF: 1:50-1:200
Molecular Weight	Calculated MW: 62 kDa; Observed MW: 62 kDa

**Product Name: Transcription Factor E3 Rabbit
Monoclonal antibody
Catalog #: AMRe02684**

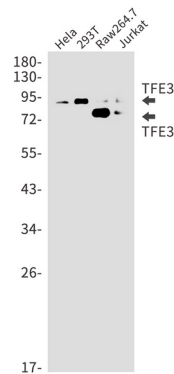
Background

Transcription factor that specifically recognizes and binds E-box sequences (3'-CANNTG-5'). Efficient DNA-binding requires dimerization with itself or with another MiT/TFE family member such as TFEB or MITF. In association with TFEB, activates the expression of CD40L in T-cells, thereby playing a role in T-cell-dependent antibody responses in activated CD4(+) T-cells and thymus-dependent humoral immunity.

Research Area

Immunology

Image Data



Western blot analysis of TFE3 in HeLa, 293T, Raw264.7, Jurkat lysates using Transcription Factor E3 antibody.

Note

For research use only.