

TRANSCRIPTION FACTOR E3 RABBIT MAB

Cat.#: N262989

Product Name: Anti-Transcription Factor E3 Rabbit Monoclonal Antibody

Synonyms: TFE3; BHLHE33; Transcription factor E3; Class E basic helix-loop-helix protein 33; bHLHe33

UNIPROT ID: P19532

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.

Immunogen: Recombinant protein of human TFE3

Applications: WB,IHC-F,IHC-P,ICC/IF

Recommended Dilutions: WB: 1/500-1/1000 IHC: 1/50-1/100 IF: 1/50-1/200

Host Species: Rabbit

Clonality: Rabbit Monoclonal

Clone ID: R09-3G6

MW: Calculated MW: 62 kDa; Observed MW: 62 kDa

Isotype: IgG

Purification: Affinity Purified

Species Reactivity: Human,Mouse

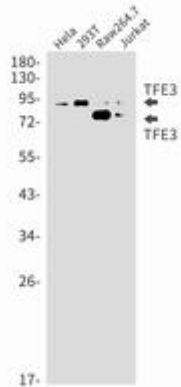
Conjugation: Unconjugated

Modification: Unmodified

Constituents: PBS (without Mg²⁺ and Ca²⁺), pH 7.3 containing 50% glycerol, 0.5% BSA and 0.02% sodium azide

Research Areas: Immunology

Storage & Shipping: Store at -20°C. Avoid repeated freezing and thawing



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