

Mouse Monoclonal Antibody to TCF3

Catalogue Number	sAP-0365
Target Molecule	Name: TCF3 Aliases: E2A; ITF1; VDIR; bHLHb21; MGC129647; MGC129648; TCF3 MW: 67.6kDa Entrez Gene ID: 6929
Description	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.
Immunogen	Purified recombinant fragment of human TCF3 expressed in E. Coli.
Recombinant Species	Human
Clone	MM6B8;
Size and Concentration	100µg/1mg/ml
Supplied as	Lyophilized Powder from 100µl of Ascitic fluid containing 0.03% sodium azide.
Reconstitution/Storages	Reconstituted with 100µl sterile DI H ₂ O, at stored at 4°C or -20°C for short or long term storage
Applications	ELISA: 1 to 10000; WB: 1 to 500 - 1 to 2000; FCM: 1 to 200 - 1 to 400
Shipping	Regular FEDEX overnight shipment (ambient temperature)
Reference	1.J Biol Chem. 2000 Oct 27;275(43):33567-73. ; 2.Mol Cell Biol. 2001 Mar;21(5):1866-73. ; 3.J Biol Chem. 2003 Jan 24;278(4):2370-6. Epub 2002 Nov 14.

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**