TCF3 Ab

Images(2)

Cat.#: BF0632	Concn.: ~1mg/ml	Mol.Wt.: 67.6kDa
Size:	Source: Mouse	Clonality: Monoclonal

Application:	ELISA 1:10000, WB 1:500-1:2000, FCM 1:200-1:400 *The optimal dilutions should be determined by the end user.
Reactivity:	Human
Storage:	Mouse IgG1 in phosphate buffered saline (without Mg2+ and Ca2+), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol. Store at -20 °C. Stable for 12 months from date of receipt.
Purification:	Affinity-chromatography.
Immunogen:	Purified recombinant fragment of human TCF3 expressed in E. Coli.
Uniprot:	P15923
Description:	E2A is a transcription factor that plays major roles in determining tissue-specific cell fate during embryogenesis, like muscle or early B-cell differentiation. Heterodimers between E2A and tissue-specific basic helix-loop-helix (bHLH) Dimers bind DNA on E-box motifs: 5'- CANNTG-3'. Binds to the kappa-E2 site in the kappa immunoglobulin gene enhancer. Deletions in E2A have been observed in a subset of pre-B-cell acute lymphoblastic leukemia (B-ALL) cases. Two alternatively spliced human isoforms have been described.

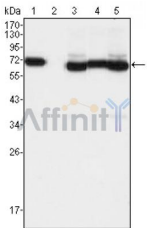

Figure 1: Western blot analysis using TCF3 mouse mAb against A549 (1), A431 (2), Hela (3), PANC-1 (4) and PC-3 (5) cell lysate.

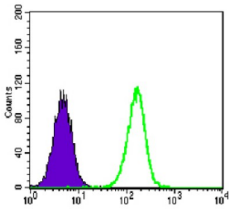

Figure 2: Flow cytometric analysis of A549 cells using anti-TCF3 mAb (green) and negative control (purple).

IMPORTANT: For western blot, incubate membrane with diluted primary Ab

in 5% w/v milk , 1X TBS, 0.1% Tween®20 at 4°C with gentle shaking, overnight.

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