

Enogene

## TCF3 Mouse Monoclonal Antibody

E 10-30012

**Background:** 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.

**Catalog Number:** E10-30012

**Amount:** 100 $\mu$ g/100 $\mu$ l

**Clone Number:** 6B8

**Species:** Mouse IgG1

**MW:** 67.6kDa

**Aliases:** E2A; ITF1; VDIR; bHLHb21; MGC129647; MGC129648; TCF3

**Entrez Gene:** 6929

**Immunogen:** Ascitic fluid containing 0.03% sodium azide.

**Storage:** Store at 4°C, for long term storage, store at -20°C.

**Formulation:** Ascitic fluid containing 0.03% sodium azide.

**Species Reactivities:** Human

**Tested Applications:** WB, FC, ELISA. Not yet tested in other applications.

**Application notes:** WB: 1/500 - 1/2000, FC: 1/200-1/400,

ELISA: Propose dilution 1/10000.

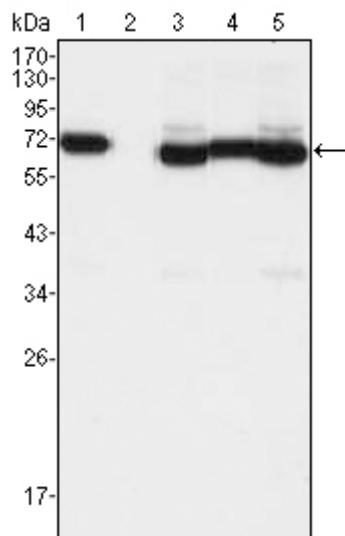


Figure 1: Western blot analysis using TCF3 mouse mAb against A549 (1), A431 (2), HeLa (3), PANC-1 (4) and PC-3 (5) cell lysate.

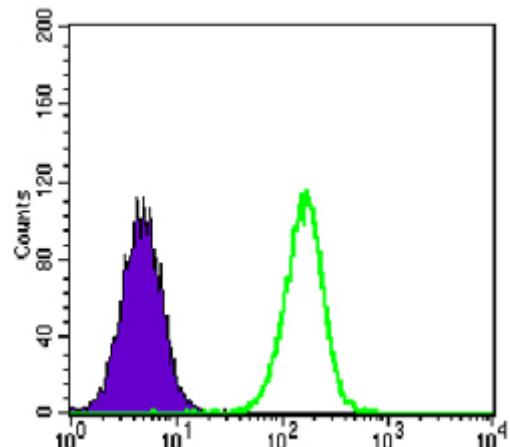


Figure 2: Flow cytometric analysis of A549 cells using anti-TCF3 mAb (green) and negative control (purple).