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**Product Name: TCF3 Mouse Monoclonal Antibody****Catalog #: AMM80820**

For research use only.

**Summary**

<b>Description</b>	Mouse monoclonal Antibody
<b>Host</b>	Mouse
<b>Application</b>	WB,ELISA,FC
<b>Reactivity</b>	Human
<b>Conjugation</b>	Unconjugated
<b>Modification</b>	Unmodified
<b>Isotype</b>	Mouse IgG1
<b>Clonality</b>	Monoclonal
<b>Form</b>	Liquid
<b>Concentration</b>	1mg/ml
<b>Storage</b>	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
<b>Shipping</b>	Ice bags
<b>Buffer</b>	PBS containing 0.03% sodium azide.
<b>Purification</b>	Affinity Purification

**Application**

<b>Dilution Ratio</b>	WB 1:500-1:2000,ELISA 1:5000-1:20000,FC 1:200-1:400
<b>Molecular Weight</b>	67.6kDa

**Antigen Information**

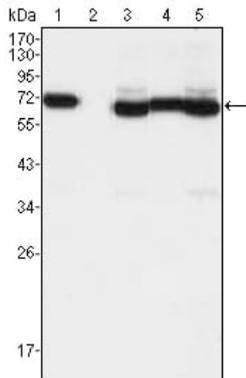
<b>Gene Name</b>	TCF3
<b>Alternative Names</b>	E2A; ITF1; VDIR; bHLHb21; MGC129647; MGC129648; TCF3
<b>Gene ID</b>	6929.0
<b>SwissProt ID</b>	P15923
<b>Immunogen</b>	Purified recombinant fragment of human TCF3 expressed in E. Coli.

**Background**

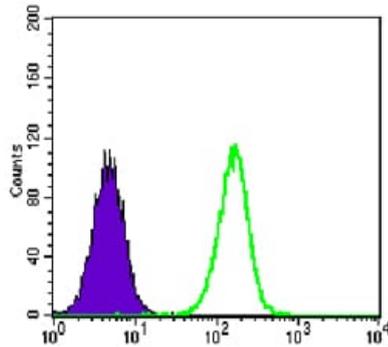
Heterodimers between TCF3 and tissue-specific basic helix-loop-helix (bHLH) proteins play major roles in determining tissue-specific cell fate during embryogenesis, like muscle or early B-cell differentiation. Dimers bind DNA on E-box motifs: 5'-CANNTG-3'. Binds to the kappa-E2 site in the kappa immunoglobulin gene enhancer.

## Research Area

## Image Data



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



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