

**TBX1 mouse monoclonal antibody**

Catalog: MB4043

Host: Mouse

Reactivity: Human, Mouse, Rat

**BackGround:**

This gene is a member of a phylogenetically conserved family of genes that share a common DNA-binding domain, the T-box. T-box genes encode transcription factors involved in the regulation of developmental processes. Mutations in this gene were found in patients with isolated deficiency of pituitary POMC-derived ACTH, suggesting an essential role for this gene in differentiation of the pituitary POMC lineage. ACTH deficiency is characterized by adrenal insufficiency symptoms such as weight loss, lack of appetite (anorexia), weakness, nausea, vomiting, and low blood pressure.

**Product:**

1mg/ml in PBS with 0.02% sodium azide, 50% glycerol, pH7.2

**Molecular Weight:**

~ 43 kDa

**Swiss-Prot:**

O43435

**Purification&Purity:**

The antibody was affinity-purified from mouse ascites fluids or tissue culture supernatant by affinity-chromatography using epitope-specific immunogen and the purity is > 95% (by SDS-PAGE).

**Applications:**

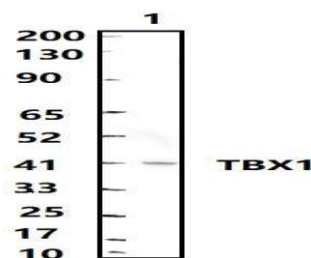
WB 1:4000, IHC 1:150

**Storage&Stability:**

Store at 4 °C short term. Aliquot and store at -20 °C long term. Avoid freeze-thaw cycles.

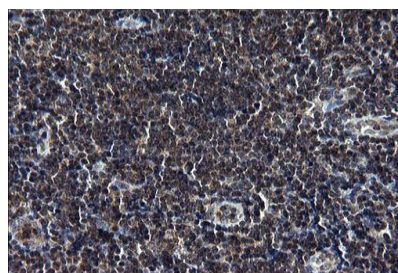
**Isotype:**

IgG1

**DATA:**

Western blot (WB) analysis of TBX1 mouse monoclonal antibody at 1:500 dilution

Lane1:HEK293 whole cell lysate(30ug)



Immunohistochemical staining of paraffin-embedded Human lymph node tissue within the normal limits using anti-TBX1 mouse monoclonal antibody. (Heat-induced epitope retrieval by 1mM EDTA in 10mM Tris, pH8.5, 120 °C for 3min. )

**Note:**

For research use only, not for use in diagnostic procedure.

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