

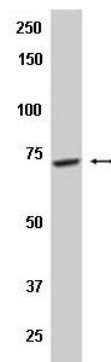
**MOUSE ANTI-TBX3  
MONOCLONAL ANTIBODY**

**CATALOG NUMBER:** MAB10089      **QUANTITY:** 100 µL  
**LOT NUMBER:**      **CONCENTRATION:**  
**CLONE NAME:** 8H3      **HOST/ISOTYPE:** IgG2a

**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. This protein is a transcriptional repressor and is thought to play a role in the anterior/posterior axis of the tetrapod forelimb. Mutations in this gene cause ulnar-mammary syndrome, affecting limb, apocrine gland, tooth, hair, and genital development. Alternative splicing of this gene results in three transcript variants encoding different isoforms; however, the full length nature of one variant has not been determined.

**IMMUNOGEN:** Recombinant human TBX3

**APPLICATIONS:** Western Blot Analysis: This lot detected TBX3 in lysate from IMR-32 cells. Arrow indicates the expected band at approximately 77 kDa.



*Optimal working dilutions must be determined by end user.*

**SPECIES REACTIVITY:** Mouse and Rat

**FORMAT:** Supernatant

**PRESENTATION:** Liquid containing 0.1% sodium azide.

**STORAGE/HANDLING:** Maintain at 2-8°C for up to 12 months from date of receipt.

**REFERENCES:** Cho KW (2006) *Proc Natl Acad Sci U S A.* **103(45)**:16788-16793  
Govoni KE (2006) *Am J Physiol Endocrinol Metab.* **291(1)**:E128-E136.  
Vance KW (2005) *Cancer Res.* **65(6)**:2260-2268.

**Important Note:** During shipment, small volumes of product will occasionally become entrapped in the seal of the product vial. For products with volumes of 200 µL or less, we recommend gently tapping the vial on a hard surface or briefly centrifuging the vial in a tabletop centrifuge to dislodge any liquid in the container's cap.

***For research use only; not for use as a diagnostic.***