

## Product datasheet for **CF809980**

### **TSHZ1 Mouse Monoclonal Antibody [Clone ID: OTI8B9]**

#### **Product data:**

<b>Product Type:</b>	Primary Antibodies
<b>Clone Name:</b>	OTI8B9
<b>Applications:</b>	WB
<b>Recommended Dilution:</b>	WB 1:2000
<b>Reactivity:</b>	Human, Mouse, Rat
<b>Host:</b>	Mouse
<b>Isotype:</b>	IgG1
<b>Clonality:</b>	Monoclonal
<b>Immunogen:</b>	Human recombinant protein fragment corresponding to amino acids 29-176 of human TSHZ1(NP_005777) produced in E.coli.
<b>Formulation:</b>	Lyophilized powder (original buffer 1X PBS, pH 7.3, 8% trehalose)
<b>Reconstitution Method:</b>	For reconstitution, we recommend adding 100uL distilled water to a final antibody concentration of about 1 mg/mL. To use this carrier-free antibody for conjugation experiment, we strongly recommend performing another round of desalting process. (OriGene recommends Zeba Spin Desalting Columns, 7KMWCO from Thermo Scientific)
<b>Purification:</b>	Purified from mouse ascites fluids or tissue culture supernatant by affinity chromatography (protein A/G)
<b>Conjugation:</b>	Unconjugated
<b>Storage:</b>	Store at -20°C as received.
<b>Stability:</b>	Stable for 12 months from date of receipt.
<b>Predicted Protein Size:</b>	112.5 kDa
<b>Gene Name:</b>	teashirt zinc finger homeobox 1
<b>Database Link:</b>	<a href="#">NP_005777</a> <a href="#">Entrez Gene 110796 Mouse</a> <a href="#">Entrez Gene 307217 Rat</a> <a href="#">Entrez Gene 10194 Human</a> <a href="#">Q6ZSZ6</a>



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**Background:**

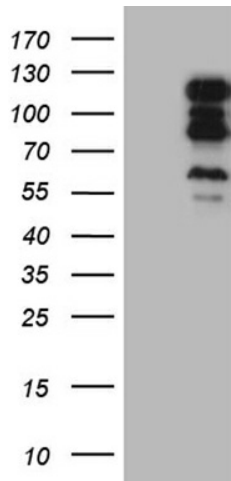
This gene encodes a colon cancer antigen that was defined by serological analysis of recombinant cDNA expression libraries. The encoded protein is a member of the teashirt C2H2-type zinc-finger protein family and may be involved in transcriptional regulation of developmental processes. Mutations in this gene may be associated with congenital aural atresia syndrome. [provided by RefSeq, Jan 2012]

**Synonyms:**

CAA; NY-CO-33; SDCCAG33; TSH1

**Protein Families:**

Transcription Factors

**Product images:**

HEK293T cells were transfected with the pCMV6-ENTRY control (Left lane) or pCMV6-ENTRY TSHZ1 ([RC215916], Right lane) cDNA for 48 hrs and lysed. Equivalent amounts of cell lysates (5 ug per lane) were separated by SDS-PAGE and immunoblotted with anti-TSHZ1 (1:2000). Positive lysates [LY417073] (100ug) and [LC417073] (20ug) can be purchased separately from OriGene.