

## Product datasheet for **TA810241M**

### **LZTS1 Mouse Monoclonal Antibody [Clone ID: OTI3D12]**

#### **Product data:**

Product Type:	Primary Antibodies
Clone Name:	OTI3D12
Applications:	WB
Recommended Dilution:	WB 1:500~2000
Reactivity:	Human, Mouse, Rat
Host:	Mouse
Isotype:	IgG1
Clonality:	Monoclonal
Immunogen:	Full length human recombinant protein of human LZTS1 (NP_066300) produced in HEK293T Cell.
Formulation:	PBS (pH 7.3) containing 1% BSA, 50% glycerol and 0.02% sodium azide.
Concentration:	1 mg/ml
Purification:	Purified from mouse ascites fluids or tissue culture supernatant by affinity chromatography (protein A/G)
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	66.4 kDa
Gene Name:	leucine zipper, putative tumor suppressor 1
Database Link:	<a href="#">NP_066300</a> <a href="#">Entrez Gene 211134 Mouse</a> <a href="#">Entrez Gene 266711 Rat</a> <a href="#">Entrez Gene 11178 Human</a> <a href="#">Q9Y250</a>


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**Background:**

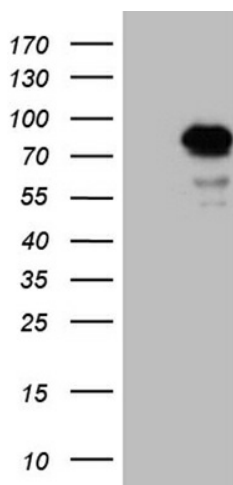
This gene encodes a tumor suppressor protein that is ubiquitously expressed in normal tissues. In uveal melanomas, expression of this protein is silenced in rapidly metastasizing and metastatic tumor cells but has normal expression in slowly metastasizing or nonmetastasizing tumor cells. This protein may have a role in cell-cycle control by interacting with the Cdk1/cyclinB1 complex. This gene is located on chromosomal region 8p22. Loss of heterozygosity (LOH) in the 8p arm is a common characteristic of many types of cancer. [provided by RefSeq, Nov 2009]

**Synonyms:**

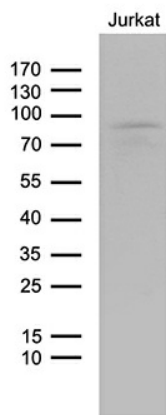
F37; FEZ1

**Protein Families:**

Druggable Genome

**Product images:**


HEK293T cells were transfected with the pCMV6-ENTRY control (Cat# [PS100001], Left lane) or pCMV6-ENTRY LZTS1 (Cat# [RC210424], 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-LZTS1 (Cat# [TA810241])(1:2000). Positive lysates [LY412145] (100ug) and [LC412145] (20ug) can be purchased separately from OriGene.



Western blot analysis of extracts (35ug) from Jurkat cell lines by using anti-LZTS1 monoclonal antibody (1:500).