

## Product datasheet for TA811621

### MAGEB2 Mouse Monoclonal Antibody [Clone ID: OTI5C10]

#### Product data:

Product Type:	Primary Antibodies
Clone Name:	OTI5C10
Applications:	WB
Recommended Dilution:	WB 1:2000
Reactivity:	Human
Host:	Mouse
Isotype:	IgG1
Clonality:	Monoclonal
Immunogen:	Human recombinant protein fragment corresponding to amino acids 1-224 of human MAGEB2 (NP_002355) produced in E.coli.
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:	35.1 kDa
Gene Name:	MAGE family member B2
Database Link:	<a href="#">NP_002355</a> <a href="#">Entrez Gene 4113 Human</a> <a href="#">O15479</a>



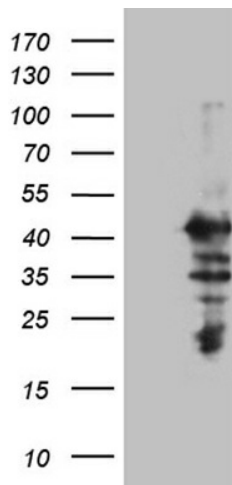
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**Background:**

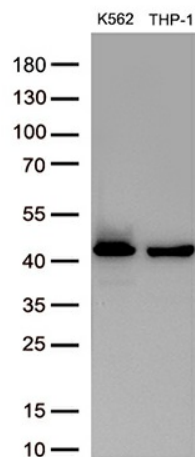
This gene is a member of the MAGEB gene family. The members of this family have their entire coding sequences located in the last exon, and the encoded proteins show 50 to 68% sequence identity to each other. The promoters and first exons of the MAGEB genes show considerable variability, suggesting that the existence of this gene family enables the same function to be expressed under different transcriptional controls. This gene is localized in the DSS (dosage-sensitive sex reversal) critical region. It is expressed in testis and placenta, and in a significant fraction of tumors of various histological types. The MAGEB genes are clustered on chromosome Xp22-p21. [provided by RefSeq, Jul 2008]

**Synonyms:**

CT3.2; DAM6; MAGE-XP-2

**Product images:**


HEK293T cells were transfected with the pCMV6-ENTRY control (Cat# [PS100001], Left lane) or pCMV6-ENTRY MAGEB2 (Cat# [RC205338], 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-MAGEB2 (Cat# TA811621)(1:2000). Positive lysates [LY419377] (100ug) and [LC419377] (20ug) can be purchased separately from OriGene.



Western blot analysis of extracts (30ug per lane) from 2 cell lines lysates by using anti-MAGEB2 monoclonal antibody (TA811621, 1:500).