

Product datasheet for **CF811579**

ZFP57 Mouse Monoclonal Antibody [Clone ID: OTI1E2]

Product data:

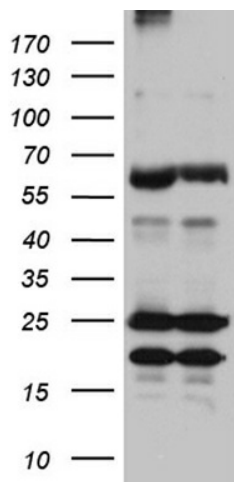
Product Type:	Primary Antibodies
Clone Name:	OTI1E2
Applications:	IHC, WB
Recommended Dilution:	WB 1:500~2000, IHC 1:2000
Reactivity:	Human, Mouse
Host:	Mouse
Isotype:	IgG1
Clonality:	Monoclonal
Immunogen:	Full length human recombinant protein of human ZFP57 (NP_001103279) produced in E.coli.
Formulation:	Lyophilized powder (original buffer 1X PBS, pH 7.3, 8% trehalose)
Reconstitution Method:	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)
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.
Gene Name:	ZFP57 zinc finger protein
Database Link:	NP_001103279 Entrez Gene 22715 Mouse Entrez Gene 346171 Human Q9NU63
Background:	The protein encoded by this gene is a zinc finger protein containing a KRAB domain. Studies in mouse suggest that this protein may function as a transcriptional repressor. Mutations in this gene have been associated with transient neonatal diabetes mellitus type 1 (TNDM1). [provided by RefSeq, Sep 2009]
Synonyms:	bA145L22; bA145L22.2; C6orf40; TNDM1; ZNF698



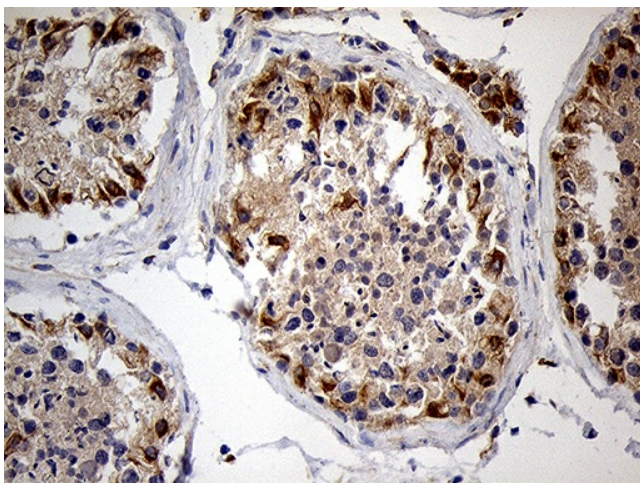
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Protein Families: ES Cell Differentiation/IPS

Product images:



HEK293T cells were transfected with the pCMV6-ENTRY control (Cat# [PS100001], Left lane) or pCMV6-ENTRY ZFP57 (Cat# [RC229273], 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-ZFP57 (Cat# [TA811579])(1:2000). Positive lysates [LY432292] (100ug) and [LC432292] (20ug) can be purchased separately from OriGene.



Immunohistochemical staining of paraffin-embedded Human testicle tissue within the normal limits using anti-ZFP57 mouse monoclonal antibody. Heat-induced epitope retrieval by EDTA solution buffer pH 8.0 at 120°C for 3 min.