

## Product datasheet for **CF808167**

### ZIC3 Mouse Monoclonal Antibody [Clone ID: OTI6F7]

#### Product data:

Product Type:	Primary Antibodies
Clone Name:	OTI6F7
Applications:	WB
Recommended Dilution:	WB 1:500
Reactivity:	Human, Mouse
Host:	Mouse
Isotype:	IgG2a
Clonality:	Monoclonal
Immunogen:	Human recombinant protein fragment corresponding to amino acids 242-467 of human ZIC3(NP_003404) 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.
Predicted Protein Size:	50.4 kDa
Gene Name:	Zic family member 3
Database Link:	<a href="#">NP_003404</a> <a href="#">Entrez Gene 22773 Mouse</a> <a href="#">Entrez Gene 7547 Human</a> <a href="#">O60481</a>



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**Background:**

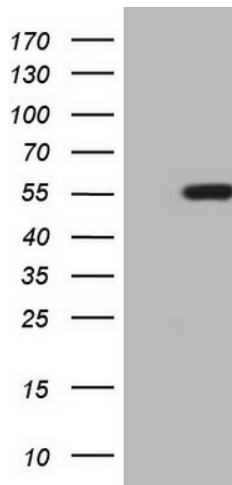
This gene encodes a member of the ZIC family of C2H2-type zinc finger proteins. This nuclear protein probably functions as a transcription factor in early stages of left-right body axis formation. Mutations in this gene cause X-linked visceral heterotaxy, which includes congenital heart disease and left-right axis defects in organs. [provided by RefSeq, Jul 2008]

**Synonyms:**

HTX; HTX1; VACTERLX; ZNF203

**Protein Families:**

Druggable Genome, Embryonic stem cells, ES Cell Differentiation/IPS

**Product images:**


HEK293T cells were transfected with the pCMV6-ENTRY control (Cat# [PS100001], Left lane) or pCMV6-ENTRY ZIC3 (Cat# [RC220375], 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-ZIC3 (Cat# [TA808167])(1:500). Positive lysates [LY418705] (100ug) and [LC418705] (20ug) can be purchased separately from OriGene.