

## Product datasheet for **CF811410**

### SIX3 Mouse Monoclonal Antibody [Clone ID: OTI7G9]

#### Product data:

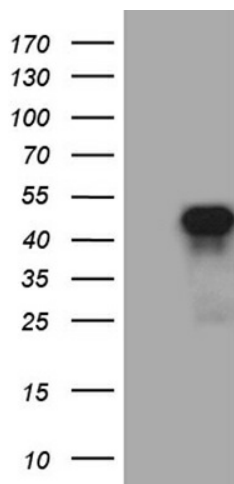
Product Type:	Primary Antibodies
Clone Name:	OTI7G9
Applications:	WB
Recommended Dilution:	WB 1:2000
Reactivity:	Human, Mouse, Rat
Host:	Mouse
Isotype:	IgG1
Clonality:	Monoclonal
Immunogen:	Human recombinant protein fragment corresponding to amino acids 142-332 of human SIX3 (NP_005404) produced in E.coli.
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:	SIX homeobox 3
Database Link:	<a href="#">NP_005404</a> <a href="#">Entrez Gene 20473 Mouse</a> <a href="#">Entrez Gene 78974 Rat</a> <a href="#">Entrez Gene 6496 Human</a> <a href="#">O95343</a>
Background:	This gene encodes a member of the sine oculis homeobox transcription factor family. The encoded protein plays a role in eye development. Mutations in this gene have been associated with holoprosencephaly type 2. [provided by RefSeq, Oct 2009]
Synonyms:	HPE2



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Protein Families: Druggable Genome

### Product images:



HEK293T cells were transfected with the pCMV6-ENTRY control (Cat# [PS100001], Left lane) or pCMV6-ENTRY SIX3 (Cat# [RC216286], 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-SIX3 (Cat# [TA811410])(1:2000). Positive lysates [LY401662] (100ug) and [LC401662] (20ug) can be purchased separately from OriGene.