

## Product datasheet for **TA504594M**

### **FXYD3 Mouse Monoclonal Antibody [Clone ID: OTI2F7]**

#### **Product data:**

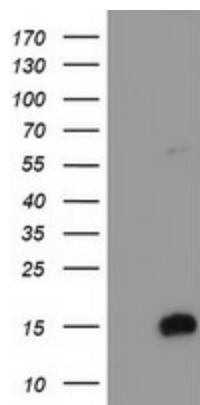
Product Type:	Primary Antibodies
Clone Name:	OTI2F7
Applications:	WB
Recommended Dilution:	WB 1:2000
Reactivity:	Human
Host:	Mouse
Isotype:	IgG1
Clonality:	Monoclonal
Immunogen:	Full length human recombinant protein of human FXYD3(NP_005962) produced in HEK293T cell.
Formulation:	PBS (pH 7.3) containing 1% BSA, 50% glycerol and 0.02% sodium azide.
Concentration:	0.48 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:	7.1 kDa
Gene Name:	FXYD domain containing ion transport regulator 3
Database Link:	<a href="#">NP_005962</a> <a href="#">Entrez Gene 5349 Human</a> <a href="#">Q14802</a>
Background:	This gene belongs to a small family of FXYD-domain containing regulators of Na <sup>+</sup> /K <sup>+</sup> ATPases which share a 35-amino acid signature sequence domain, beginning with the sequence PFXYD, and containing 7 invariant and 6 highly conserved amino acids. This gene encodes a cell membrane protein that may regulate the function of ion-pumps and ion-channels. This gene may also play a role in tumor progression. Alternative splicing results in multiple transcript variants encoding distinct isoforms.


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**Synonyms:** MAT8; PLML

**Protein Families:** Ion Channels: Other, Transmembrane

**Product images:**



HEK293T cells were transfected with the pCMV6-ENTRY control (Left lane) or pCMV6-ENTRY FXYD3 ([RC213945], 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-FXYD3. Positive lysates [LY416954] (100ug) and [LC416954] (20ug) can be purchased separately from OriGene.