

## Product datasheet for **CF811364**

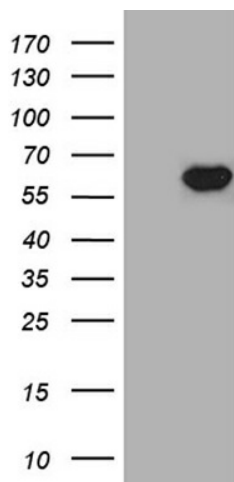
### **TXNRD1 Mouse Monoclonal Antibody [Clone ID: OTI3E1]**

#### **Product data:**

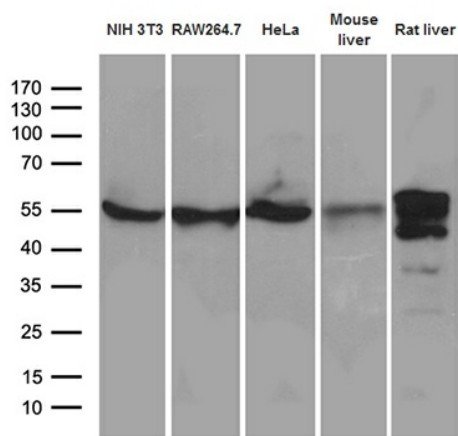
<b>Product Type:</b>	Primary Antibodies
<b>Clone Name:</b>	OTI3E1
<b>Applications:</b>	WB
<b>Recommended Dilution:</b>	WB 1:500~2000
<b>Reactivity:</b>	Human, Rat, Mouse
<b>Host:</b>	Mouse
<b>Isotype:</b>	IgG1
<b>Clonality:</b>	Monoclonal
<b>Immunogen:</b>	Full length human recombinant protein of human TXNRD1 (NP_003321) produced in E.coli.
<b>Formulation:</b>	Lyophilized powder (original buffer 1X PBS, pH 7.3, 8% trehalose)
<b>Reconstitution Method:</b>	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)
<b>Purification:</b>	Purified from mouse ascites fluids or tissue culture supernatant by affinity chromatography (protein A/G)
<b>Conjugation:</b>	Unconjugated
<b>Storage:</b>	Store at -20°C as received.
<b>Stability:</b>	Stable for 12 months from date of receipt.
<b>Gene Name:</b>	thioredoxin reductase 1
<b>Database Link:</b>	<a href="#">NP_003321</a> <a href="#">Entrez Gene 50493 Mouse</a> <a href="#">Entrez Gene 58819 Rat</a> <a href="#">Entrez Gene 7296 Human</a> <a href="#">Q16881</a>
<b>Synonyms:</b>	GRIM-12; TR; TR1; TRXR1; TXNR
<b>Protein Families:</b>	Druggable Genome
<b>Protein Pathways:</b>	Pyrimidine metabolism



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**Product images:**


HEK293T cells were transfected with the pCMV6-ENTRY control (Left lane) or pCMV6-ENTRY TXNRD1 ([RC202040], 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-TXNRD1 (1:2000).



Western blot analysis of extracts (35ug) from 3 different cell lines and 2 different tissue lysate by using anti-TXNRD1 monoclonal antibody (1:500).