Product datasheet for CF810591

MRPL44 Mouse Monoclonal Antibody [Clone ID: OTI2A8]

## Product data:

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Product Type:	Primary Antibodies
Clone Name:	OTI2A8
Applications:	WB
Recommended Dilution:	WB 1:500~2000
Reactivity:	Human, Mouse, Rat
Host:	Mouse
Isotype:	IgG1
Clonality:	Monoclonal
Immunogen:	Full length human recombinant protein of human MRPL44 (NP_075066) 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:	37.4 kDa
Gene Name:	mitochondrial ribosomal protein L44
Database Link:	NP_075066 Entrez Gene 69163 Mouse Entrez Gene 301552 Rat Entrez Gene 65080 Human Q9H9J2
Synonyms:	COXPD16; L44MT; MRP-L44

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Product images:
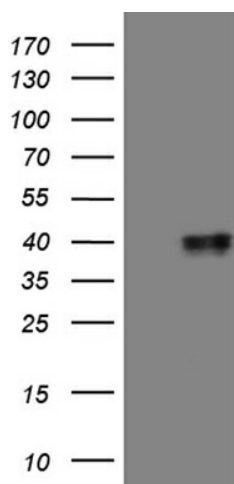
HEK293T cells were transfected with the pCMV6-ENTRY control (Left lane) or pCMV6-ENTRY MRPL44 ([RC204081], Right lane) cDNA for 48 hrs and lysed. Equivalent amounts of cell lysates (5 ug per lane) were separated by SDS-PAGE and immunoblotted with anti-MRPL44 (1:2000). Positive lysates [LY411453] (100ug) and [LC411453] (20ug) can be purchased separately from OriGene.
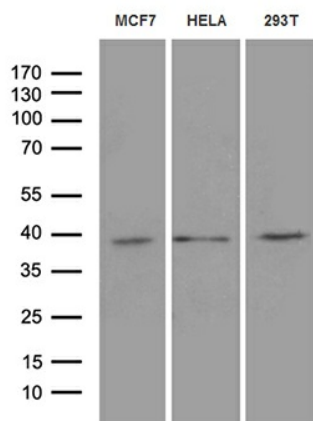
Western blot analysis of extracts (35ug) from 3 different cell lines by using anti-MRPL44 monoclonal antibody (1:500).