

Product datasheet for **CF809438**

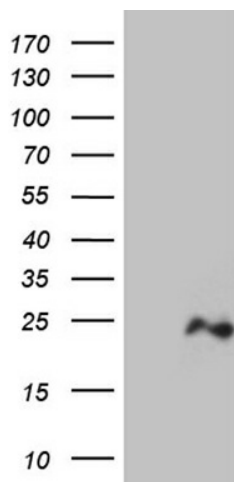
OPA3 Mouse Monoclonal Antibody [Clone ID: OTI5D4]

Product data:

Product Type:	Primary Antibodies
Clone Name:	OTI5D4
Applications:	WB
Recommend Dilution:	WB 1:2000
Reactivity:	Human
Host:	Mouse
Isotype:	IgG1
Clonality:	Monoclonal
Immunogen:	Full length human recombinant protein of human OPA3(NP_079412) produced in E.coli.
Formulation:	PBS (pH7.3), 8% Trehalose
Reconstitution Method:	Reconstitute with PBS (pH7.3). To use this carrier-free antibody for conjugation experiment, we strongly recommend you to perform another round of desalting process. (OriGene recommends Zeba Spin Desalting Columns, 7KMWCO from Thermo Scientific)
Purification:	Purified from cell culture supernatant by affinity chromatography
Predicted Protein Size:	19.8 kDa
Gene Name:	Homo sapiens outer mitochondrial membrane lipid metabolism regulator OPA3 (OPA3), transcript variant 2, mRNA.
Database Link:	NP_079412 Entrez Gene 80207 Human
Background:	The mouse ortholog of this protein co-purifies with the mitochondrial inner membrane. Mutations in this gene have been shown to result in 3-methylglutaconic aciduria type III and autosomal dominant optic atrophy and cataract. Multiple transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Oct 2009]
Synonyms:	MGA3



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Product images:

HEK293T cells were transfected with the pCMV6-ENTRY control (Left lane) or pCMV6-ENTRY OPA3 (RC202959, 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-OPA3 (1:2000). Positive lysates LY410876 (100ug) and LC410876 (20ug) can be purchased separately from OriGene.