

## Product datasheet for **CF811420**

### **FAM54A (MTFR2) Mouse Monoclonal Antibody [Clone ID: OTI2G8]**

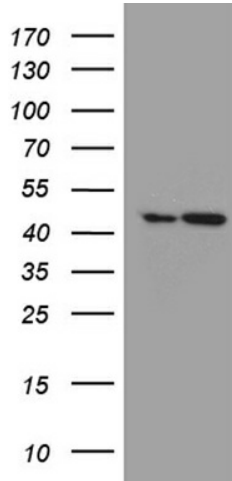
#### **Product data:**

<b>Product Type:</b>	Primary Antibodies
<b>Clone Name:</b>	OTI2G8
<b>Applications:</b>	WB
<b>Recommended Dilution:</b>	WB 1:500~2000
<b>Reactivity:</b>	Human, Dog, Rat, Monkey
<b>Host:</b>	Mouse
<b>Isotype:</b>	IgG1
<b>Clonality:</b>	Monoclonal
<b>Immunogen:</b>	Full length human recombinant protein of human FAM54A (NP_001092756) 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>Predicted Protein Size:</b>	43.2 kDa
<b>Gene Name:</b>	mitochondrial fission regulator 2
<b>Database Link:</b>	<a href="#">NP_001092756</a> <a href="#">Entrez Gene 483997 Dog</a> <a href="#">Entrez Gene 100911069 Rat</a> <a href="#">Entrez Gene 106998139 Monkey</a> <a href="#">Entrez Gene 113115 Human</a> <a href="#">Q6P444</a>
<b>Synonyms:</b>	DUFD1; FAM54A

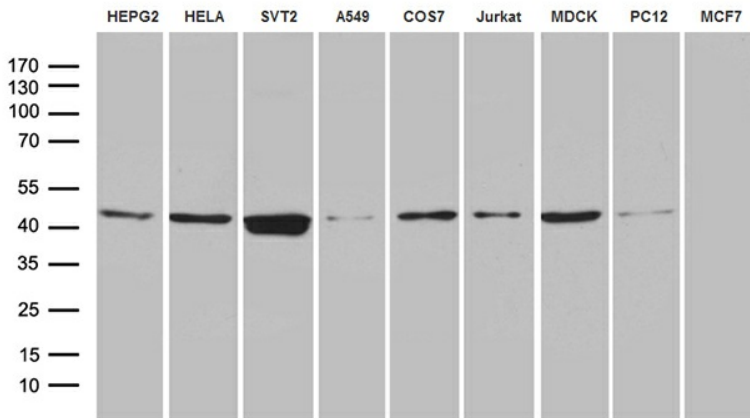


[View online »](#)

**Product images:**



HEK293T cells were transfected with the pCMV6-ENTRY control (Left lane) or pCMV6-ENTRY FAM54A ([RC213401], 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-FAM54A (1:2000). Positive lysates [LY426058] (100ug) and [LC426058] (20ug) can be purchased separately from OriGene.



Western blot analysis of extracts (35ug) from 9 different cell lines by using anti-FAM54A monoclonal antibody (1:500).