

bsm-61395R**[Primary Antibody]****Mitofusin 2 Recombinant Rabbit mAb****BioSS**
ANTIBODIES

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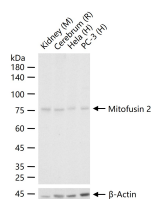
sales@bioss.com.cn

techsupport@bioss.com.cn

400-901-9800

— DATASHEET —

Host: Rabbit	Isotype: IgG	Applications: WB (1:500-2000)
Clonality: Recombinant	CloneNo.: 2D17	Reactivity: Human, Mouse, Rat
GeneID: 9927	SWISS: O95140	
Target: Mitofusin 2		
Immunogen: A synthesized peptide derived from human Mitofusin 2: 50-100.		Predicted MW.: 86 kDa
Purification: affinity purified by Protein A		Observed MW.: 80 kDa
Storage: 10mM phosphate buffered saline(pH 7.4) with 150mM sodium chloride, 0.05% BSA, 0.02% Proclin300 and 50% glycerol. Store at 4°C for short term. Store at -20°C for long term. Avoid repeated freeze/thaw cycles.		Subcellular Location: Cell membrane ,Cytoplasm
Background: Mitochondrial outer membrane GTPase that mediates mitochondrial clustering and fusion.		

— VALIDATION IMAGES —

25 ug total protein per lane of various lysates (see on figure) probed with Mitofusin 2 monoclonal antibody, unconjugated (bsm-61395R) at 1:1000 dilution and 4°C overnight incubation. Followed by conjugated secondary antibody incubation at r.t. for 60 min.

— SELECTED CITATIONS —

- **[IF=8.2]** Zihang Feng. et al. MOTS-c attenuates cardiac dysfunction following high altitude exposure by promoting mitophagy. FREE RADICAL BIO MED. 2026 Feb;; WB ;Mouse. 41654147