MFF (E5W4M) XP[®] Rabbit mAb (Alexa Fluor[®] 488 Conjugate)



Orders: 877-616-CELL (2355)

orders@cellsignal.com

Support: 877-678-TECH (8324)

Web: info@cellsignal.com

cellsignal.com

3 Trask Lane | Danvers | Massachusetts | 01923 | USA

For Research Use Only. Not for Use in Diagnostic Procedures.

Reactivity: H M R	Sensitivity: Endogenous	Source/Isotype: Rabbit IgG	UniProt ID: #Q9GZY8	Entrez-Gene Id: 56947
	Application Immunofluorescence (Ir	nmunocytochemistry)	·	Dilution 1:50 - 1:200
	Supplied in PBS (pH 7.2), less than 0.1% sodium azide and 2 mg/ml BSA antibody. Protect from light. Do not freeze.			A. Store at 4°C. Do not aliquot the
ivity	MFF (E5W4M) XP [®] Rabbit mAb (Alexa Fluor [®] 488 Conjugate) recognizes endogenous levels of total MFF protein. Based upon sequence alignment, this antibody is predicted to react with isoforms 1-5 of human MFF protein and isoforms 1-4 of mouse MFF protein.			
	Bovine, Dog			
ion	Monoclonal antibody is produced by immunizing animals with a synthetic peptide corresponding to residues surrounding Pro126 of human MFF protein, isoform 1.			
	This Cell Signaling Technology antibody is conjugated to Alexa Fluor [®] 488 fluorescent dye and tested in-house for direct immunofluorescent analysis in human cells. This antibody is expected to exhibit the same species cross-reactivity as the unconjugated MFF (E5W4M) XP [®] Rabbit mAb #84580.			
	Mitochondrial fission factor (MFF) is a tail-anchored protein that resides within the outer mitochondrial membrane and is part of the mitochondrial fission complex. MFF participates in mitochondrial fission by serving as one of multiple receptors for the GTPase dynamin-related protein 1 (Drp1) (1-4). Research studies have also shown that MFF is a peroxisomal membrane protein and participates in peroxisome fission by serving as a receptor for another GTPase, dynamin-like protein 1 (5,6).			
rences	 Liu, R. and Chan, D.C. (2015) Mol Biol Cell 26, 4466-77. Shen, Q. et al. (2014) Mol Biol Cell 25, 145-59. Losón, O.C. et al. (2013) Mol Biol Cell 24, 659-67. Otera, H. et al. (2010) J Cell Biol 191, 1141-58. Itoyama, A. et al. (2013) Biol Open 2, 998-1006. Gandre-Babbe, S. and van der Bliek, A.M. (2008) Mol Biol Cell 19, 2402-12. 			
		Application Immunofluorescence (Ir Supplied in PBS (pH 7.2), antibody. Protect from li Protein. Based upon seq human MFF protein and Bovine, Dog Monoclonal antibody is presidues surrounding Pr This Cell Signaling Techn in-house for direct immusame species cross-react Mitochondrial fission fact membrane and is part of by serving as one of mul studies have also shown fission by serving as a references 1. Liu, R. and Chan, D.C. (2. Shen, Q. et al. (2014) M. 3. Losón, O.C. et al. (2015) 4. Otera, H. et al. (2010) 5. Itoyama, A. et al. (2010)	Application Immunofluorescence (Immunocytochemistry) Supplied in PBS (pH 7.2), less than 0.1% sodium a antibody. Protect from light. Do not freeze. MFF (E5W4M) XP® Rabbit mAb (Alexa Fluor® 488 of protein. Based upon sequence alignment, this an human MFF protein and isoforms 1-4 of mouse M Bovine, Dog Honoclonal antibody is produced by immunizing residues surrounding Pro126 of human MFF protein-house for direct immunofluorescent analysis in same species cross-reactivity as the unconjugated Mitochondrial fission factor (MFF) is a tail-anchore membrane and is part of the mitochondrial fission by serving as one of multiple receptors for the GT studies have also shown that MFF is a peroxisoma fission by serving as a receptor for another GTP as 1. Liu, R. and Chan, D.C. (2015) Mol Biol Cell 26, 44 2. Shen, Q. et al. (2014) Mol Biol Cell 25, 145-59. 3. Losón, O.C. et al. (2013) Mol Biol Cell 24, 659-67 4. Otera, H. et al. (2010) J Cell Biol 191, 1141-58. 5. Itoyama, A. et al. (2013) Biol Open 2, 998-1006.	Application Immunofluorescence (Immunocytochemistry) Supplied in PBS (pH 7.2), less than 0.1% sodium azide and 2 mg/ml BS antibody. Protect from light. Do not freeze. MFF (E5W4M) XP® Rabbit mAb (Alexa Fluor® 488 Conjugate) recognize protein. Based upon sequence alignment, this antibody is predicted to human MFF protein and isoforms 1-4 of mouse MFF protein. Bovine, Dog Monoclonal antibody is produced by immunizing animals with a synth residues surrounding Pro126 of human MFF protein, isoform 1. This Cell Signaling Technology antibody is conjugated to Alexa Fluor® in-house for direct immunofluorescent analysis in human cells. This a same species cross-reactivity as the unconjugated MFF (E5W4M) XP® Mitochondrial fission factor (MFF) is a tail-anchored protein that resid membrane and is part of the mitochondrial fission complex. MFF part by serving as one of multiple receptors for the GTPase dynamin-relate studies have also shown that MFF is a peroxisomal membrane proteir fission by serving as a receptor for another GTPase, dynamin-like profession by serving as a receptor for another GTPase, dynamin-like profession by Serving as a receptor for another GTPase, dynamin-like profession by Serving as a receptor for another GTPase, dynamin-like profession by Serving as a receptor for another GTPase, dynamin-like profession by Serving as a receptor for another GTPase, dynamin-like profession by Serving as a receptor for another GTPase, dynamin-like profession by Serving as a receptor for another GTPase, dynamin-like profession by Serving as a receptor for another GTPase, dynamin-like profession by Serving as a receptor for another GTPase, dynamin-like profession by Serving as a receptor for another GTPase, dynamin-like profession by Serving as a receptor for another GTPase, dynamin-like profession by Serving as a receptor for another GTPase, dynamin-like profession by Serving as a receptor for another GTPase, dynamin-like profession by Serving as a receptor for another GTPase, dynamin-like profession by Serving as

Species Reactivity

Cross-Reactivity Key

Species reactivity is determined by testing in at least one approved application (e.g., western blot).

Applications Key IF-IC: Immunofluorescence (Immunocytochemistry)

H: Human M: Mouse R: Rat

Trademarks and Patents

Cell Signaling Technology is a trademark of Cell Signaling Technology, Inc.

XP is a registered trademark of Cell Signaling Technology, Inc.

This product is provided under an intellectual property license from Life Technologies Corporation. The transfer of this product is conditioned on the buyer using the purchased product solely in research conducted by the buyer, excluding contract research or any fee for service research, and the buyer must not (1) use this product or its components for (a) diagnostic, therapeutic or prophylactic purposes; (b) testing, analysis or screening services, or information in return for compensation on a per-test basis; or (c) manufacturing or quality assurance or quality control, and/or (2) sell or transfer this product or its components for resale, whether or not resold for use in research. For information on purchasing a license to this product for purposes other than as described above, contact Life Technologies Corporation, 5791 Van Allen Way, Carlsbad, CA 92008 USA or outlicensing@lifetech.com.

All other trademarks are the property of their respective owners. Visit cellsignal.com/trademarks for more information.

Limited Uses

Except as otherwise expressly agreed in a writing signed by a legally authorized representative of CST, the following terms apply to Products provided by CST, its affiliates or its distributors. Any Customer's terms and conditions that are in addition to, or different from, those contained herein, unless separately accepted in writing by a legally authorized representative of CST, are rejected and are of no force or effect.

Products are labeled with For Research Use Only or a similar labeling statement and have not been approved, cleared, or licensed by the FDA or other regulatory foreign or domestic entity, for any purpose. Customer shall not use any Product for any diagnostic or therapeutic purpose, or otherwise in any manner that conflicts with its labeling statement. Products sold or licensed by CST are provided for Customer as the end-user and solely for research and development uses. Any use of Product for diagnostic, prophylactic or therapeutic purposes, or any purchase of Product for resale (alone or as a component) or other commercial purpose, requires a separate license from CST. Customer shall (a) not sell, license, loan, donate or otherwise transfer or make available any Product to any third party. whether alone or in combination with other materials, or use the Products to manufacture any commercial products, (b) not copy, modify, reverse engineer, decompile, disassemble or otherwise attempt to discover the underlying structure or technology of the Products, or use the Products for the purpose of developing any products or services that would compete with CST products or services, (c) not alter or remove from the Products any trademarks, trade names, logos, patent or copyright notices or markings, (d) use the Products solely in accordance with CST Product Terms of Sale and any applicable documentation, and (e) comply with any license, terms of service or similar agreement with respect to any third party products or services used by Customer in connection with the Products.