

# Product Datasheet

## Mitofusin 2 Antibody (S153-5) [Alexa Fluor® 405] NBP2-42188AF405

Unit Size: 0.1 ml

Store at 4C in the dark.

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**NBP2-42188AF405**

Mitofusin 2 Antibody (S153-5) [Alexa Fluor® 405]

Product Information	
Unit Size	0.1 ml
Concentration	Please see the vial label for concentration. If unlisted please contact technical services.
Storage	Store at 4C in the dark.
Clonality	Monoclonal
Clone	S153-5
Preservative	0.05% Sodium Azide
Isotype	IgG2a
Conjugate	Alexa Fluor 405
Purity	Protein G purified
Buffer	50mM Sodium Borate

Product Description	
Host	Mouse
Gene ID	9927
Gene Symbol	MFN2
Species	Human, Mouse, Rat
Reactivity Notes	Immunogen displays sequence identity for non-tested species: Mouse and Rat.
Specificity/Sensitivity	Approx 55% identity with Mitofusin-1. Detects approx 90kDa. No cross-reactivity against Mitofusin-1.
Immunogen	Fusion protein amino acids 370-600 (cytoplasmic N-terminus) of mouse Mitofusin-2. Rat: 97% identity (226/231 amino acids identical). Human: 92% identity (214/231 amino acids identical) ~55% identity with Mitofusin-1.

Product Application Details	
Applications	Immunocytochemistry/ Immunofluorescence, Immunohistochemistry
Recommended Dilutions	Immunohistochemistry, Immunocytochemistry/ Immunofluorescence
Application Notes	Optimal dilution of this antibody should be experimentally determined.





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### **Products Related to NBP2-42188AF405**

IC003V	Mouse IgG2a Isotype Control (20102) [Alexa Fluor® 405]
H00009927-Q01-10ug	Recombinant Human Mitofusin 2 GST (N-Term) Protein
210-TA-005	TNF-alpha [Unconjugated]
NBL1-13040	Mitofusin 2 Overexpression Lysate

### **Limitations**

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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