

# Product Datasheet

## Mitofusin 1 Antibody (11E9-1H12) - Azide and BSA Free NBP2-80850

Unit Size: 0.1 ml

Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.

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Updated 9/9/2025 v.20.1

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**NBP2-80850****Mitofusin 1 Antibody (11E9-1H12) - Azide and BSA Free**

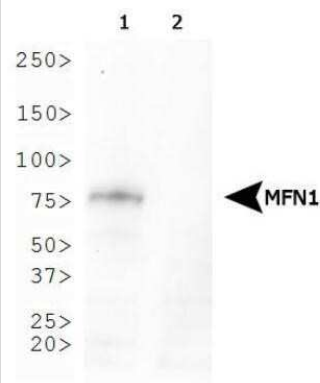
<b>Product Information</b>	
<b>Unit Size</b>	0.1 ml
<b>Concentration</b>	1 mg/ml
<b>Storage</b>	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
<b>Clonality</b>	Monoclonal
<b>Clone</b>	11E9-1H12
<b>Preservative</b>	No Preservative
<b>Isotype</b>	IgG2b Kappa
<b>Purity</b>	Protein G purified
<b>Buffer</b>	PBS
<b>Target Molecular Weight</b>	80 kDa

<b>Product Description</b>	
<b>Description</b>	Novus Biologicals Knockout (KO) Validated Mouse Mitofusin 1 Antibody (11E9-1H12) - Azide and BSA Free (NBP1-71775) is a monoclonal antibody validated for use in IHC, WB and ICC/IF. All Novus Biologicals antibodies are covered by our 100% guarantee.
<b>Host</b>	Mouse
<b>Gene ID</b>	55669
<b>Gene Symbol</b>	MFN1
<b>Species</b>	Human, Mouse, Rat
<b>Reactivity Notes</b>	Rat reactivity reported in scientific literature (PMID: 23658809). Human reactivity reported in scientific literature (PMID: 24710686, 24928681).
<b>Immunogen</b>	Mouse Mitofusin 1 [Swiss-Prot: Q811U4]

<b>Product Application Details</b>	
<b>Applications</b>	Western Blot, Immunohistochemistry-Paraffin, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Knockout Validated
<b>Recommended Dilutions</b>	Western Blot 1:500 - 1:1000, Immunohistochemistry 1:100, Immunocytochemistry/ Immunofluorescence 1:100, Immunohistochemistry-Paraffin 1:100, Knockout Validated
<b>Application Notes</b>	In Western blot, a band can be seen at ~80 kDa.

## Images

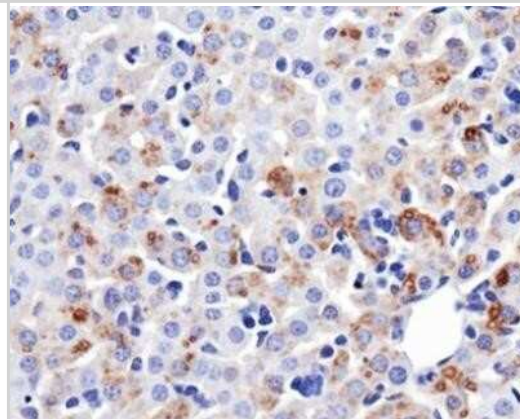
Western Blot: Mitofusin 1 Antibody (11E9-1H12) - Azide and BSA Free [NBP2-80850] - Analysis of Mitofusin-1 expression in (1) MEF wild-type and (2) MEF Mitofusin-1-null whole cell lysates using NBP1-71775. Image from the standard format of this antibody.



Immunocytochemistry/Immunofluorescence: Mitofusin 1 Antibody (11E9-1H12) - Azide and BSA Free [NBP2-80850] - Antibody was tested in 3T3 cells with DyLight 488 (green). Nuclei and alpha-tubulin were counterstained with DAPI (blue) and Dylight 550 (red). Image from the standard format of this antibody.



Immunohistochemistry: Mitofusin 1 Antibody (11E9-1H12) - Azide and BSA Free [NBP2-80850] - Analysis of Mitofusin-1 in mouse liver. Image from the standard format of this antibody.





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### **Products Related to NBP2-80850**

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NBP2-33376H	Blue Marker Antibody (6F4-F6) [HRP]
HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB7539	Goat anti-Mouse IgG (H+L) Secondary Antibody [HRP]
NBP1-43317-0.5mg	Mouse IgG2b Kappa Light Chain Isotype Control (MG2b)

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### **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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