

# Product Datasheet

## Muscleblind-like 1 Antibody (1H1) - BSA Free NBP2-50062

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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**NBP2-50062**

Muscleblind-like 1 Antibody (1H1) - BSA Free

Product Information	
Unit Size	0.1 ml
Concentration	1 mg/ml
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	1H1
Preservative	5mM Sodium Azide
Isotype	IgG1
Purity	Immunogen affinity purified
Buffer	50% PBS, 50% glycerol
Target Molecular Weight	39 kDa

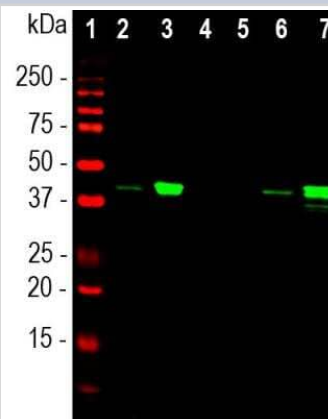
Product Description	
Description	Novus Biologicals Mouse Muscleblind-like 1 Antibody (1H1) - BSA Free (NBP2-50062) is a monoclonal antibody validated for use in IHC, WB and ICC/IF. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Mouse
Gene ID	4154
Gene Symbol	MBNL1
Species	Human, Mouse (Negative), Rat (Negative)
Reactivity Notes	No reactivity with rat or mouse.
Immunogen	Full-length recombinant human muscleblind-like 1 protein expressed in and purified from E. coli. [UniProt# Q9NR56]

Product Application Details	
Applications	Western Blot, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry
Recommended Dilutions	Western Blot 1:1000 - 1:2000, Immunohistochemistry 1:1000, Immunocytochemistry/ Immunofluorescence 1:1000

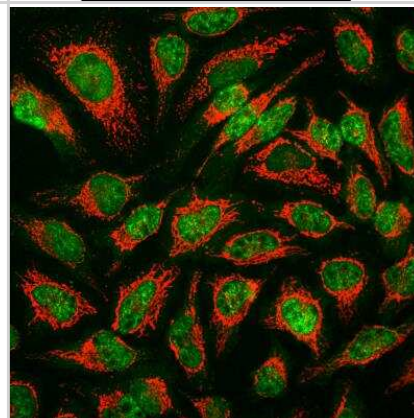


## Images

Western Blot: Muscleblind-like 1 Antibody (1H1) [NBP2-50062] - Analysis of whole cell lysates, cytosol or nuclear enriched fractions, using mouse mAb to MBNL1, NBP2-50062, dilution 1:1,000 in green: [1] protein standard (red), [2] HEK293 cytosol, [3] HEK293 nuclear fraction, [4] NIH-3T3 cytosol, [5] NIH-3T3 nuclear fraction, [6] HeLa cytosol, and [7] HeLa nuclear fraction. The strong band at the 40kDa corresponds to the MBNL1 protein that is predominantly detected in the nuclear enriched fractions. This antibody binds exclusively to the human protein and does not bind the rodent homologue.



Immunocytochemistry/Immunofluorescence: Muscleblind-like 1 Antibody (1H1) [NBP2-50062] - Analysis of HeLa cells stained with mouse mAb to MBNL1, NBP2-50062, dilution 1:1,000 in green and chicken pAb to HSP60, dilution 1:5,000, in red. NBP2-50062 antibody specifically labels nuclei.





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### **Products Related to NBP2-50062**

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HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB720-B	Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin]
NBP1-97005-0.5mg	Mouse IgG1 Isotype Control (MG1)
H00004154-P02-10ug	Recombinant Human Muscleblind-like 1 GST (N-Term) Protein

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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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