

# Product Datasheet

## alpha-Smooth Muscle Actin Antibody (RM253) NBP2-61486

Unit Size: 100 ul

Store at -20C. Avoid freeze-thaw cycles.

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Updated 9/11/2024 v.20.1

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**NBP2-61486****alpha-Smooth Muscle Actin Antibody (RM253)****Product Information**

<b>Unit Size</b>	100 ul
<b>Concentration</b>	Please see the vial label for concentration. If unlisted please contact technical services.
<b>Storage</b>	Store at -20C. Avoid freeze-thaw cycles.
<b>Clonality</b>	Monoclonal
<b>Clone</b>	RM253
<b>Preservative</b>	0.09% Sodium Azide
<b>Isotype</b>	IgG
<b>Purity</b>	Protein A purified
<b>Buffer</b>	50% Glycerol/PBS with 1% BSA
<b>Target Molecular Weight</b>	42 kDa

**Product Description**

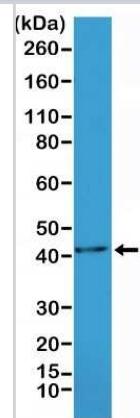
<b>Host</b>	Rabbit
<b>Gene ID</b>	59
<b>Gene Symbol</b>	ACTA2
<b>Species</b>	Human, Mouse, Rat, Bovine
<b>Specificity/Sensitivity</b>	This antibody reacts to human and mouse alpha smooth muscle Actin (alpha-Actin-2). This antibody may also react to bovine or rat alpha smooth muscle Actin, as predicted by immunogen homology
<b>Immunogen</b>	Alpha-Smooth Muscle Actin Antibody (RM253) is a recombinant monoclonal made to a synthetic peptide corresponding to the N-terminus of Human Alpha-Smooth Muscle Actin.

**Product Application Details**

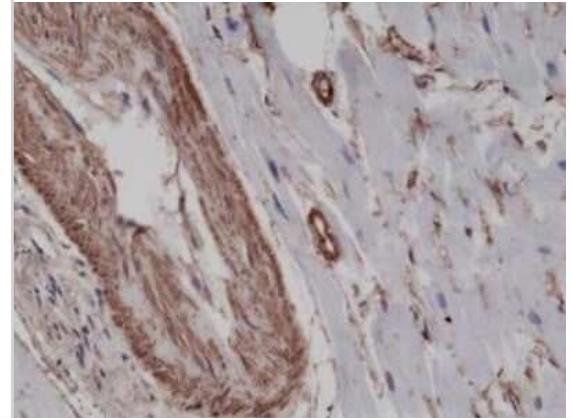
<b>Applications</b>	Western Blot, Immunohistochemistry, Immunohistochemistry-Paraffin
<b>Recommended Dilutions</b>	Western Blot 1:1000-1:2000 , Immunohistochemistry 1:100 - 1:2500, Immunohistochemistry-Paraffin

## Images

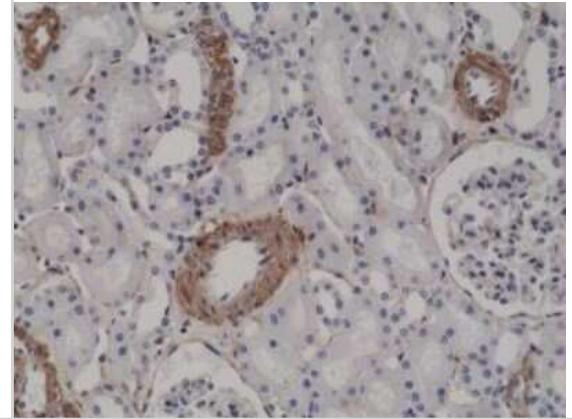
Western Blot: alpha-Smooth Muscle Actin Antibody (RM253) [NBP2-61486] - Western blot analysis of mouse heart tissue lysate at a 1:1000 dilution of alpha-Smooth Muscle Actin Antibody (RM253). The band indicates an observed molecular weight of ~42 kDa.



Immunohistochemistry-Paraffin: alpha-Smooth Muscle Actin Antibody (RM253) [NBP2-61486] - Staining of paraffin-embedded human heart tissue sections at a 1:2500 dilution of alpha-Smooth Muscle Actin Antibody (RM253).



Immunohistochemistry-Paraffin: alpha-Smooth Muscle Actin Antibody (RM253) [NBP2-61486] - Staining of paraffin-embedded human kidney tissue sections at a 1:2500 dilution of .





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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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