

# Product Datasheet

## SR-AI/MSR Antibody - BSA Free NBP1-00093

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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**NBP1-00093**

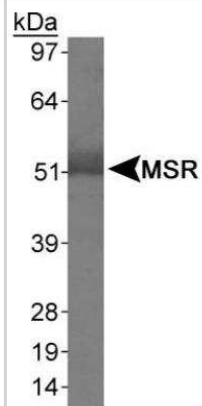
SR-AI/MSR Antibody - BSA Free

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	Polyclonal
Preservative	0.1% Sodium Azide
Isotype	IgG
Purity	Immunogen affinity purified
Buffer	PBS and 30% Glycerol
Target Molecular Weight	50 kDa
Product Description	
Description	Novus Biologicals Rabbit SR-AI/MSR Antibody - BSA Free (NBP1-00093) is a polyclonal antibody validated for use in WB and ICC/IF. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rabbit
Gene ID	4481
Gene Symbol	MSR1
Species	Human, Mouse
Immunogen	Synthetic peptide made to a cyclized peptide from human Macrophage Scavenger Receptor I (within residues 400-450). [Swiss-Prot# P21757]
Product Application Details	
Applications	Western Blot, Immunocytochemistry/ Immunofluorescence
Recommended Dilutions	Western Blot 0.5 ug/ml, Immunocytochemistry/ Immunofluorescence 1:50-1:200
Application Notes	This Macrophage Scavenger Receptor I antibody is useful for Immunocytochemistry/Immunofluorescence and Western blot, where a band is seen ~50 kDa.

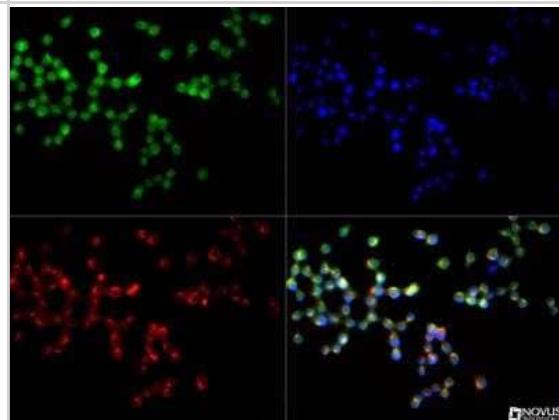


## Images

Western Blot: SR-AI/MSR Antibody [NBP1-00093] - Detection of SR-AI/MSR in human liver.



Immunocytochemistry/Immunofluorescence: SR-AI/MSR Antibody [NBP1-00093] - The SR-AI/MSR antibody was tested in Raw cells at a 1:50 dilution against DyLight 488 (Green). Alpha-tubulin and nuclei were counterstained against DyLight 550 (Red) and DAPI (Blue), respectively.



## Procedures

### Protocol specific for Macrophage Scavenger Receptor I Antibody (NBP1-00093)

SR-AI/MSR Antibody:

Western Blot Protocol

1. Perform SDS-PAGE (4-12% MOPS) on samples to be analyzed, loading 40 ug of total protein per lane.
2. Transfer proteins to Nitrocellulose according to the instructions provided by the manufacturer of the transfer apparatus.
3. Rinse membrane with dH<sub>2</sub>O and then stain the blot using Ponceau S for 1-2 minutes to access the transfer of proteins onto the nitrocellulose membrane. Rinse the blot in water to remove excess stain and mark the lane locations and locations of molecular weight markers using a pencil.
4. Rinse the blot in TBS for approximately 5 minutes.
5. Block the membrane using 5% NFD<sub>M</sub> + 1% BSA in TBS + Tween, 1 hour at RT.
6. Rinse the membrane in dH<sub>2</sub>O and then wash the membrane in wash buffer [TBS + 0.1% Tween] 3 times for 10 minutes each.
7. Dilute the rabbit anti-MSR1 primary antibody (NBP1-100093) in blocking buffer and incubate 1 hour at room temperature.
8. Rinse the membrane in dH<sub>2</sub>O and then wash the membrane in wash buffer [TBS + 0.1% Tween] 3 times for 10 minutes each.
9. Apply the diluted rabbit-IgG HRP-conjugated secondary antibody in blocking buffer (as per manufacturers instructions) and incubate 1 hour at room temperature.
10. Wash the blot in wash buffer [TBS + 0.1% Tween] 3 times for 10 minutes each (this step can be repeated as required to reduce background).
11. Apply the detection reagent of choice in accordance with the manufacturers instructions (Pierce ECL).

Note: Tween-20 can be added to the blocking or antibody dilution buffer at a final concentration of 0.05-0.2%, provided it does not interfere with antibody-antigen binding.





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### **Products Related to NBP1-00093**

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NB820-59232	Human Liver Whole Tissue Lysate (Adult Whole Normal)
NBP1-00093PEP	SR-AI/MSR Antibody Blocking Peptide
NBP2-33376H	Blue Marker Antibody (6F4-F6) [HRP]
HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control

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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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