

# Product Datasheet

## SHC1 Antibody (OTI3A1) - Azide and BSA Free NBP2-74167

Unit Size: 100 ug

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

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**NBP2-74167**

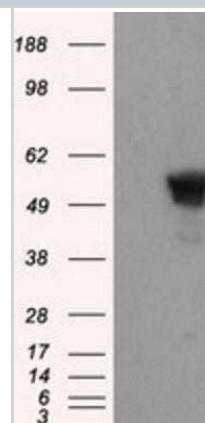
SHC1 Antibody (OTI3A1) - Azide and BSA Free

| Product Information         |                                                                                                                                                                                                                                                                                                                                                 |
|-----------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Unit Size                   | 100 ug                                                                                                                                                                                                                                                                                                                                          |
| Concentration               | LYOPH mg/ml                                                                                                                                                                                                                                                                                                                                     |
| Storage                     | Store at -20C. Avoid freeze-thaw cycles.                                                                                                                                                                                                                                                                                                        |
| Clonality                   | Monoclonal                                                                                                                                                                                                                                                                                                                                      |
| Clone                       | OTI3A1                                                                                                                                                                                                                                                                                                                                          |
| Preservative                | No Preservative                                                                                                                                                                                                                                                                                                                                 |
| Reconstitution Instructions | we recommend adding 100uL distilled water to a final antibody concentration of about 1 mg/mL. To use this carrier-free antibody for conjugation experiment, we strongly recommend performing another round of desalting process.                                                                                                                |
| Isotype                     | IgG1                                                                                                                                                                                                                                                                                                                                            |
| Purity                      | Immunogen affinity purified                                                                                                                                                                                                                                                                                                                     |
| Buffer                      | Lyophilized from PBS (pH 7.3) with 8% Trehalose                                                                                                                                                                                                                                                                                                 |
| Target Molecular Weight     | 51.5 kDa                                                                                                                                                                                                                                                                                                                                        |
| Product Description         |                                                                                                                                                                                                                                                                                                                                                 |
| Description                 | Novus Biologicals Mouse SHC1 Antibody (OTI3A1) - Azide and BSA Free (NBP2-02434) is a monoclonal antibody validated for use in IHC, WB, ICC/IF and IP. All Novus Biologicals antibodies are covered by our 100% guarantee.                                                                                                                      |
| Host                        | Mouse                                                                                                                                                                                                                                                                                                                                           |
| Gene ID                     | 6464                                                                                                                                                                                                                                                                                                                                            |
| Gene Symbol                 | SHC1                                                                                                                                                                                                                                                                                                                                            |
| Species                     | Human, Mouse, Rat                                                                                                                                                                                                                                                                                                                               |
| Reactivity Notes            | Please note that this antibody is reactive to Mouse and derived from the same host, Mouse. Mouse-On-Mouse blocking reagent may be needed for IHC and ICC experiments to reduce high background signal. You can find these reagents under catalog numbers PK-2200-NB and MP-2400-NB. Please contact Technical Support if you have any questions. |
| Immunogen                   | Full length human recombinant protein of human SHC1 (NP_003020) produced in HEK293T cell.                                                                                                                                                                                                                                                       |
| Product Application Details |                                                                                                                                                                                                                                                                                                                                                 |
| Applications                | Western Blot, Immunohistochemistry-Paraffin, Immunocytochemistry/Immunofluorescence, Immunohistochemistry, Immunoprecipitation                                                                                                                                                                                                                  |
| Recommended Dilutions       | Western Blot 1:2000, Immunohistochemistry 1:50, Immunocytochemistry/Immunofluorescence 1:100, Immunoprecipitation, Immunohistochemistry-Paraffin                                                                                                                                                                                                |

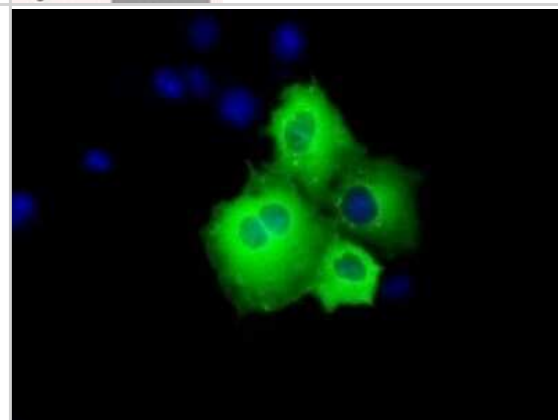


## Images

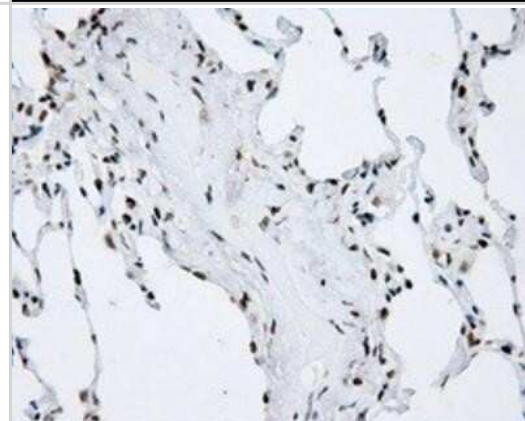
Western Blot: SHC1 Antibody (OTI3A1) - Azide and BSA Free [NBP2-74167] - HEK293T cells were transfected with the pCMV6-ENTRY control (Left lane) or pCMV6-ENTRY SHC1 (Right lane) cDNA for 48 hrs and lysed. Equivalent amounts of cell lysates (5 ug per lane) were separated by SDS-PAGE and immunoblotted with anti-SHC1.



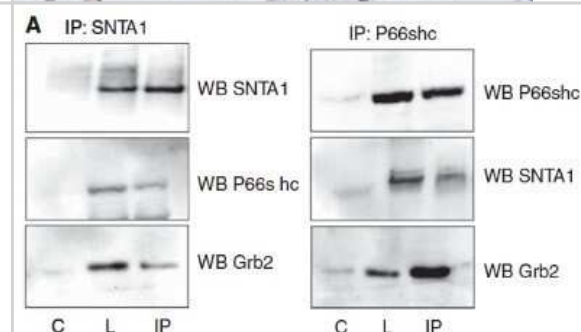
Immunocytochemistry/Immunofluorescence: SHC1 Antibody (OTI3A1) - Azide and BSA Free [NBP2-74167] - Staining of COS7 cells transiently transfected by pCMV6-ENTRY SHC1 .



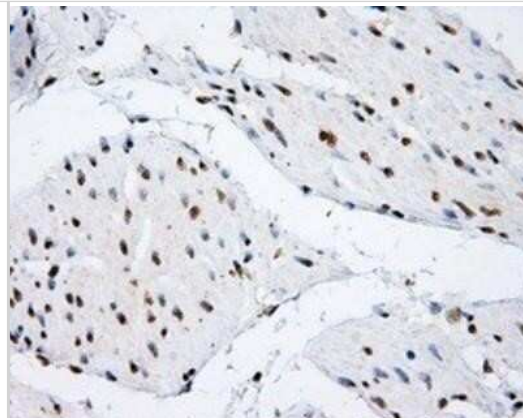
Immunohistochemistry: SHC1 Antibody (OTI3A1) - Azide and BSA Free [NBP2-74167] - Staining of paraffin-embedded lung tissue using anti-SHC1 mouse monoclonal antibody.



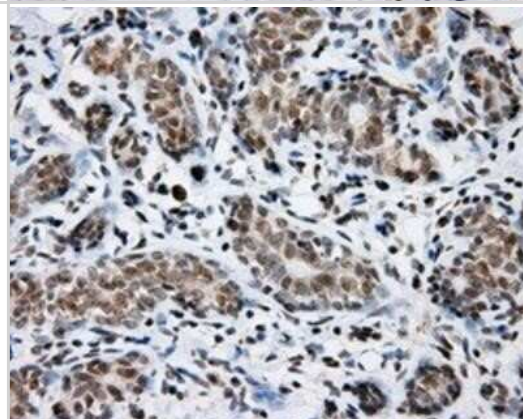
Western Blot: SHC1 Antibody (OTI3A1) - Azide and BSA Free [NBP2-74167] - Figure from citation:(p66shc) protein level by using anti-SHC1 antibody in human HBL-100/MCF-7 cell lysates.



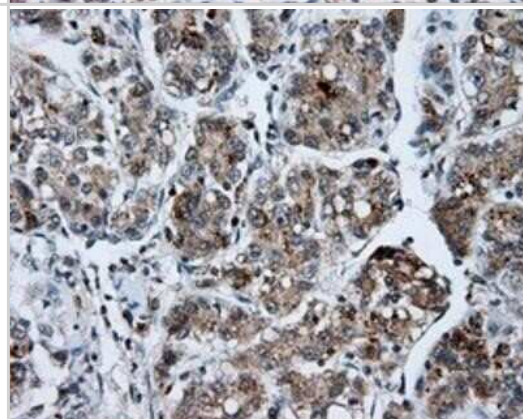
Immunohistochemistry: SHC1 Antibody (OTI3A1) - Azide and BSA Free [NBP2-74167] - Staining of paraffin-embedded bladder tissue using anti-SHC1 mouse monoclonal antibody.



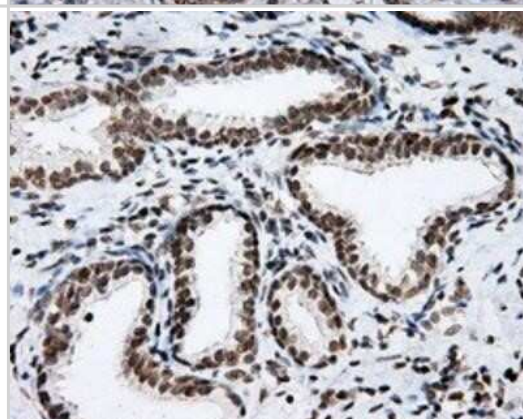
Immunohistochemistry: SHC1 Antibody (OTI3A1) - Azide and BSA Free [NBP2-74167] - Staining of paraffin-embedded breast tissue using anti-SHC1 mouse monoclonal antibody.



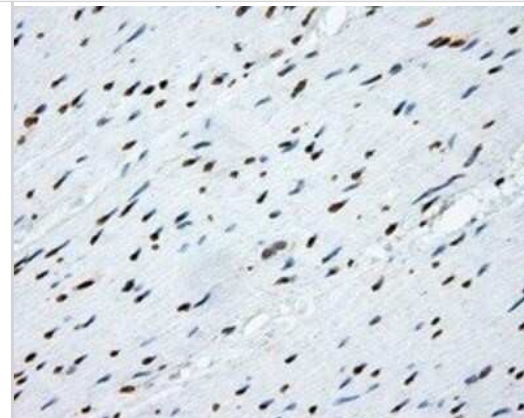
Immunohistochemistry: SHC1 Antibody (OTI3A1) - Azide and BSA Free [NBP2-74167] - Staining of paraffin-embedded Carcinoma of liver tissue using anti-SHC1 mouse monoclonal antibody.



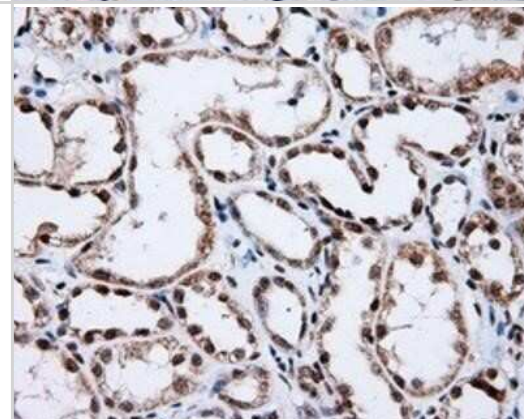
Immunohistochemistry: SHC1 Antibody (OTI3A1) - Azide and BSA Free [NBP2-74167] - Staining of paraffin-embedded Carcinoma of prostate tissue using anti-SHC1 mouse monoclonal antibody.



Immunohistochemistry: SHC1 Antibody (OTI3A1) - Azide and BSA Free [NBP2-74167] - Staining of paraffin-embedded colon tissue using anti-SHC1 mouse monoclonal antibody.



Immunohistochemistry: SHC1 Antibody (OTI3A1) - Azide and BSA Free [NBP2-74167] - Staining of paraffin-embedded Kidney tissue using anti-SHC1 mouse monoclonal antibody.



Immunohistochemistry: SHC1 Antibody (OTI3A1) - Azide and BSA Free [NBP2-74167] - Staining of paraffin-embedded prostate tissue using anti-SHC1 mouse monoclonal antibody.





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### **Products Related to NBP2-74167**

|                  |                                                         |
|------------------|---------------------------------------------------------|
| 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)                        |
| NBP1-72374-100ug | Recombinant Human SHC1 His Protein                      |

### **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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