

# Product Datasheet

## SHC1 Antibody (3F4) - Azide and BSA Free H00006464-M01

Unit Size: 0.1 mg

Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.

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**H00006464-M01**

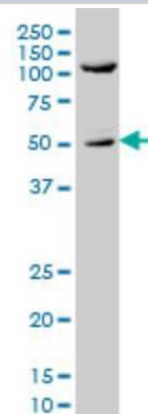
SHC1 Antibody (3F4) - Azide and BSA Free

Product Information	
<b>Unit Size</b>	0.1 mg
<b>Concentration</b>	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
<b>Storage</b>	Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.
<b>Clonality</b>	Monoclonal
<b>Clone</b>	3F4
<b>Preservative</b>	No Preservative
<b>Isotype</b>	IgG1 Kappa
<b>Purity</b>	IgG purified
<b>Buffer</b>	In 1x PBS, pH 7.4
Product Description	
<b>Description</b>	Quality control test: Antibody Reactive Against Recombinant Protein.
<b>Host</b>	Mouse
<b>Gene ID</b>	6464
<b>Gene Symbol</b>	SHC1
<b>Species</b>	Human
<b>Specificity/Sensitivity</b>	SHC1 - SHC (Src homology 2 domain containing) transforming protein 1
<b>Immunogen</b>	SHC1 (AAH33925, 171 a.a. ~ 280 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa. QTPSHLGATLPVGQPVGGDPEVRKQMPPPPPCPGRELFDDPSYVNVQNLDKA RQAVGGAGPPNPAINGSAPRDLFDMKPFEDALRVPPPPQSVSMAEQLRGEP WFHGKLS
<b>Notes</b>	This product is produced by and distributed for Abnova, a company based in Taiwan.
Product Application Details	
<b>Applications</b>	Western Blot, ELISA, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin, Proximity Ligation Assay
<b>Recommended Dilutions</b>	Western Blot, ELISA, Immunohistochemistry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry-Paraffin, Proximity Ligation Assay
<b>Application Notes</b>	Antibody reactivity against cell lysate and recombinant protein for WB. It has also been used for IF, IHC-P and ELISA.

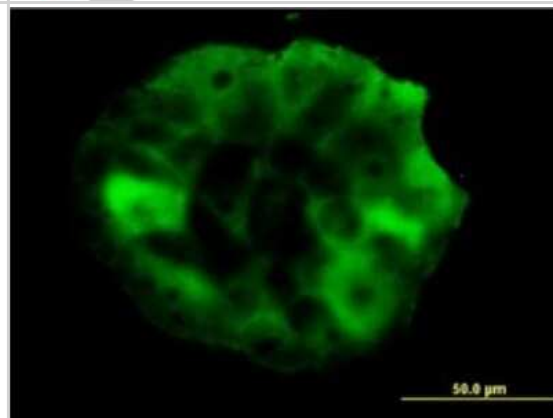


## Images

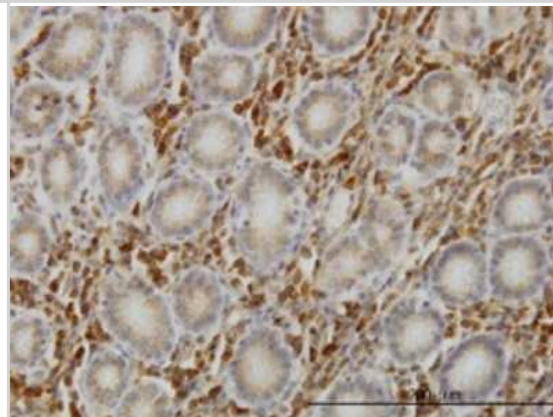
Western Blot: SHC1 Antibody (3F4) [H00006464-M01] - SHC1 monoclonal antibody (M01), clone 3F4 Analysis of SHC1 expression in A-431.



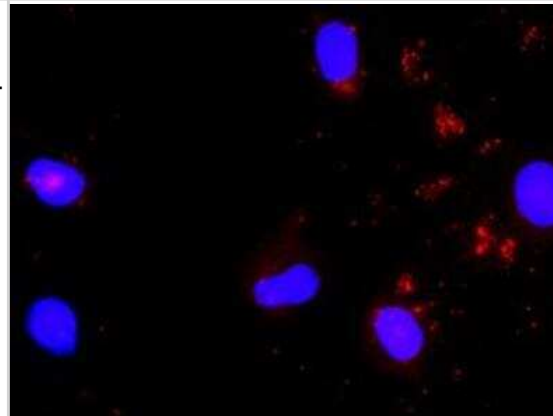
Immunocytochemistry/Immunofluorescence: SHC1 Antibody (3F4) [H00006464-M01] - Analysis of monoclonal antibody to SHC1 on A-431 cell. Antibody concentration 10 ug/ml.



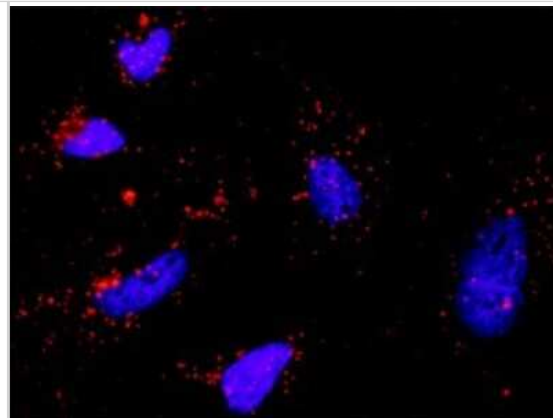
Immunohistochemistry-Paraffin: SHC1 Antibody (3F4) [H00006464-M01] - Analysis of monoclonal antibody to SHC1 on formalin-fixed paraffin-embedded human stomach. Antibody concentration 1 ug/ml.



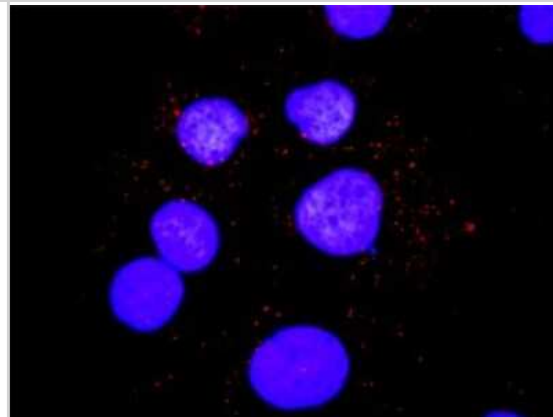
Proximity Ligation Assay: SHC1 Antibody (3F4) [H00006464-M01] - Protein-protein interactions between STAT5A and SHC1 Mahlavu cells were stained with anti-STAT5A rabbit purified polyclonal 1:1200 and anti-SHC1 mouse monoclonal antibody 1:50. Each red dot represents the detection of protein-protein interaction complex, and nuclei were counterstained with DAPI (blue).



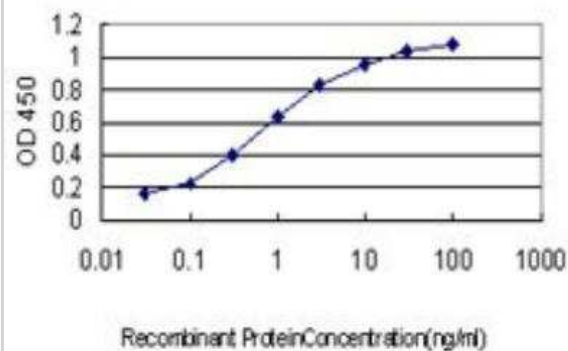
Proximity Ligation Assay: SHC1 Antibody (3F4) [H00006464-M01] - Analysis of protein-protein interactions between PIK3R1 and SHC1. HeLa cells were stained with anti-PIK3R1 rabbit purified polyclonal 1:1200 and anti-SHC1 mouse monoclonal antibody 1:50. Each red dot represents the detection of protein-protein interaction complex, and nuclei were counterstained with DAPI (blue).



Proximity Ligation Assay: SHC1 Antibody (3F4) [H00006464-M01] - Analysis of protein-protein interactions between PIK3R1 and SHC1. Huh7 cells were stained with anti-PIK3R1 rabbit purified polyclonal 1:1200 and anti-SHC1 mouse monoclonal antibody 1:50. Each red dot represents the detection of protein-protein interaction complex, and nuclei were counterstained with DAPI (blue).



ELISA: SHC1 Antibody (3F4) [H00006464-M01] - Detection limit for recombinant GST tagged SHC1 is approximately 0.03ng/ml as a capture antibody.



## Publications

Cao Q, Shi Y, Wang X et al. Circular METRN RNA hsa\_circ\_0037251 Promotes Glioma Progression by Sponging miR-1229-3p and Regulating mTOR Expression. *Sci Rep.* 2019-12-24 [PMID: 31875034]

Doebele RC, Davis LE, Vaishnavi A et al. An oncogenic NTRK fusion in a soft tissue sarcoma patient with response to the tropomyosin-related kinase (TRK) inhibitor LOXO-101. *Cancer Discov.* 2015-07-27 [PMID: 26216294] (PLA, Human)



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### **Products Related to H00006464-M01**

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HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB720-B	Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin]
NBP1-43319-0.5mg	Mouse IgG1 Kappa Isotype Control (P3.6.2.8.1)
NBP1-72374-100ug	Recombinant Human SHC1 His 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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