

# Mouse anti-Human SNX1 Monoclonal Antibody | anti-SNX1 antibody

SNX1 (Sorting Nexin-1, MGC8664) (Biotin)

|                       |               |                     |                                                           |
|-----------------------|---------------|---------------------|-----------------------------------------------------------|
| CATALOG #<br>AAA24962 | HOST<br>Mouse | REACTIVITY<br>Human | APPLICATIONS<br>ELISA, Immunohistochemistry, Western Blot |
|-----------------------|---------------|---------------------|-----------------------------------------------------------|

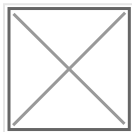
## PRODUCT SYNONYMS

SNX1; Monoclonal Antibody; SNX1 (Sorting Nexin-1; MGC8664) (Biotin); anti-SNX1 antibody

## PRODUCT SPECIFICATIONS

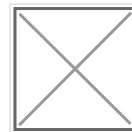
|                                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
|------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Host                                           | Mouse                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Reactivity                                     | Human                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Clonality                                      | Monoclonal                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| Isotype                                        | IgG2a,k                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| Clone Number                                   | 6H1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| Specificity                                    | Recognizes human SNX1.                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| Purity/Purification                            | Purified by Protein A Affinity Chromatography.                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| Form/Format                                    | Supplied as a liquid in PBS, pH 7.2. No preservative added. Labeled with Biotin.                                                                                                                                                                                                                                                                                                                                                                                                                    |
| Applicable Applications for anti-SNX1 antibody | ELISA, IHC (Immunohistochemistry), WB (Western Blot)                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| Application Notes                              | IHC-P: 3ug/ml<br>Applications are based on unconjugated antibody.                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| Immunogen                                      | Partial recombinant corresponding to aa166-276 from human SNX1 (NP_003090) with GST tag. MW of the GST tag alone is 26kD.                                                                                                                                                                                                                                                                                                                                                                           |
| Immunogen Sequence                             | KVTTQTSLPLFRSKQFAVKRRFSDFLGLYEKLSKHQNGFIVPPPEKSLIGMTKVKGKEDSSSAEFLEKRRAALERYLQRIVNHPTMLQDPDVREFLE                                                                                                                                                                                                                                                                                                                                                                                                   |
| Conjugate                                      | Biotin                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| Preparation and Storage                        | Store product at 4 degree C if to be used immediately within two weeks. For long-term storage, aliquot to avoid repeated freezing and thawing and store at -20 degree C. Aliquots are stable at -20 degree C for 12 months after receipt. Dilute required amount only prior to immediate use. Further dilutions can be made in PBS with 0.1% BSA, 0.1% Triton X-100, and 0.05% Tween-20. For maximum recovery of product, centrifuge the original vial after thawing and prior to removing the cap. |

## IMAGES



### WB (Western Blot)

Western blot analysis of SNX1 over-expressed 293 cell line, cotransfected with SNX1 Validated Chimera RNAi (Lane 2) or non-transfected control (Lane 1). Blot probed with SNX1 monoclonal antibody. GAPDH (36.1kD) used as specificity and loading control.



### Application Data

Detection limit for recombinant GST tagged SNX1 is ~0.03ng/ml as a capture antibody.

**IHC (Immunohistochemistry)**

Immunoperoxidase of monoclonal antibody to SNX1 on formalin-fixed paraffin-embedded human tonsil. [antibody concentration 3ug/ml].

**WB (Western Blot)**

Western Blot analysis of SNX1 expression in transfected 293T cell line by SNX1 monoclonal antibody. Lane 1: SNX1 transfected lysate (59.1kD). Lane 2: Non-transfected lysate.

**WB (Western Blot)**

SNX1 monoclonal antibody, Western Blot analysis of SNX1 expression in HeLa.

**WB (Western Blot)**

Western Blot detection against Immunogen (38.21kD).

## ADDITIONAL INFORMATION

Product Categories/Family for anti-SNX1 antibody

[Antibodies](#); [SNX Proteins](#)

## NCBI AND UNIPROT INFORMATION

|                                  |                                                                                                                                                                              |
|----------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| NCBI GI #                        | <a href="#">23111034</a>                                                                                                                                                     |
| NCBI GeneID                      | <a href="#">6642</a>                                                                                                                                                         |
| NCBI Accession #                 | <a href="#">NP_003090</a>                                                                                                                                                    |
| NCBI GenBank Nucleotide #        | <a href="#">NM_003099</a>                                                                                                                                                    |
| UniProt Accession #              | <a href="#">Q13596</a> ; <a href="#">O60750</a> ; <a href="#">O60751</a> ; <a href="#">Q6ZRJ8</a> ; <a href="#">A6NM19</a> ; <a href="#">A8K6T7</a> ; <a href="#">H0Y2M5</a> |
| Molecular Weight                 | 48.0 kDa (415aa), confirmed by MALDI-TOF                                                                                                                                     |
| NCBI Official Full Name          | sorting nexin-1 isoform a                                                                                                                                                    |
| NCBI Official Synonym Full Names | sorting nexin 1                                                                                                                                                              |
| NCBI Official Symbol             | SNX1                                                                                                                                                                         |
| NCBI Official Synonym Symbols    | VPS5; HsT17379                                                                                                                                                               |
| NCBI Protein Information         | sorting nexin-1                                                                                                                                                              |
| UniProt Protein Name             | Sorting nexin-1                                                                                                                                                              |
| UniProt Gene Name                | <b>SNX1</b>                                                                                                                                                                  |
| UniProt Entry Name               | SNX1_HUMAN                                                                                                                                                                   |

**For Research Use Only.** Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/monoclonal/snx1-antibody-clone-6h1-immunohistochemistry-western-blot-elisa/24962>