

## Mouse Swiprosin-2 Monoclonal Antibody | anti-EFHD1 antibody

Mouse anti-Swiprosin-2 Antibody

|                               |                      |                                        |                                                         |
|-------------------------------|----------------------|----------------------------------------|---------------------------------------------------------|
| CATALOG #<br><b>AAA221824</b> | HOST<br><b>Mouse</b> | REACTIVITY<br><b>Human, Mouse, Rat</b> | APPLICATIONS<br><b>Immunofluorescence, Western Blot</b> |
|-------------------------------|----------------------|----------------------------------------|---------------------------------------------------------|

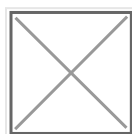
### PRODUCT SYNONYMS

Swiprosin-2; Monoclonal Antibody; Mouse anti-Swiprosin-2 Antibody; SWS2; EF-hand domain-containing protein D1; EF-hand domain-containing protein 1; anti-EFHD1 antibody

### PRODUCT SPECIFICATIONS

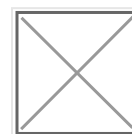
|                                                 |                                                                                                                   |
|-------------------------------------------------|-------------------------------------------------------------------------------------------------------------------|
| Host                                            | Mouse                                                                                                             |
| Reactivity                                      | Human, Mouse, Rat                                                                                                 |
| Clonality                                       | Monoclonal                                                                                                        |
| Form/Format                                     | Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.         |
| Concentration                                   | 1mg/mL (varies by lot)                                                                                            |
| Applicable Applications for anti-EFHD1 antibody | IC (Immunochemistry), IF (Immunofluorescence), WB (Western Blot)                                                  |
| Immunogen                                       | KLH-conjugated synthetic peptide encompassing a sequence of human Swiprosin-2. The exact sequence is proprietary. |
| Preparation and Storage                         | Store at -20 degree C. Avoid repeated freeze/thaw cycles.                                                         |

### IMAGES



#### IF (Immunofluorescence)

Immunofluorescent analysis of Swiprosin-2 staining in Hela cells. Formalin-fixed cells were permeabilized with 0.1% Triton X-100 in TBS for 5-10 minutes and blocked with 3% BSA-PBS for 30 minutes at room temperature. Cells were probed with the primary antibody in 3% BSA-PBS and incubated overnight at 4 °C in a humidified chamber. Cells were washed with PBST and incubated with a FITC-conjugated secondary antibody (green) in PBS at room temperature in the dark. DAPI was used to stain the cell nuclei (blue).



#### WB (Western Blot)

Western blot analysis of Swiprosin-2 expression in mouse spleen (A), rat spleen (B) whole cell lysates.

### ADDITIONAL INFORMATION

|                                                   |                    |
|---------------------------------------------------|--------------------|
| Product Categories/Family for anti-EFHD1 antibody | Primary antibodies |
|---------------------------------------------------|--------------------|

### NCBI AND UNIPROT INFORMATION

|                  |           |
|------------------|-----------|
| NCBI GI #        | 20149496  |
| NCBI GeneID      | 80303     |
| NCBI Accession # | NP_079478 |

|                                  |                                                                                        |
|----------------------------------|----------------------------------------------------------------------------------------|
| NCBI GenBank Nucleotide #        | NM_025202.3                                                                            |
| UniProt Accession #              | Q9BUP0; Q9D4J1                                                                         |
| Molecular Weight                 | 16,145 Da                                                                              |
| NCBI Official Full Name          | EF-hand domain-containing protein D1 isoform 1                                         |
| NCBI Official Synonym Full Names | EF-hand domain family, member D1                                                       |
| NCBI Official Symbol             | EFHD1                                                                                  |
| NCBI Official Synonym Symbols    | SWS2; MST133; PP3051; MSTP133                                                          |
| NCBI Protein Information         | EF-hand domain-containing protein D1; swiprosin-2; EF-hand domain-containing protein 1 |
| UniProt Protein Name             | EF-hand domain-containing protein D1                                                   |
| UniProt Gene Name                | EFHD1                                                                                  |
| UniProt Synonym Gene Names       | SWS2                                                                                   |
| UniProt Entry Name               | EFHD1_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/swiprosin-2-antibody-immunochemistry-immunofluorescence-western-blot-elisa/221824>