## SPRY1 / Sprouty 1 Mouse anti-Human Monoclonal (3H4) Antibody - LS-B5441 - LSBio

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| **CatalogID:** | LS-B5441 |
| **Validation:** | This antibody replaces catalog number LS-C133631. It has been validated for use in the following assays: IHC-P. |
| **Target:** | sprouty homolog 1, antagonist of FGF signaling (Drosophila) (SPRY1) |
| Synonyms: | SPRY1 Antibody, HSPRY1 Antibody, Protein sprouty homolog 1 Antibody, Spry-1 Antibody |
| **Host** | SPRY1 antibody was produced in Mouse |
| **Clonality:** | Monoclonal |
| **Isotype:** | IgG2a,k |
| **Clone Name:** | 3H4 |
| **Immunogen Species:** | SPRY1 / Sprouty 1 antibody was raised against Human |
| **Immunogen:** | SPRY1 / Sprouty 1 antibody was raised against sPRY1 (NP_005832, 1 a.a. ~ 111 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa. |
| **Specificity:** | Human SPRY1 |
| **Reactivity:** | Human |
| **Purification:** | Protein A purified |
| **Presentation:** | PBS, pH 7.4. |
| **Recommended Storage:** | Short term 4°C, long term aliquot and store at -20°C, avoid freeze thaw cycles. |
| **Usage Summary:** | Immunohistochemistry: Formalin-fixed paraffin-embedded sections. Sandwich ELISA: Recombinant protein. Western Blot: Cell lysate, Transfected lysate, Recombinant protein. |
| **Uses:** | IHC - Paraffin (5 µg/ml), Western blot (1:500 - 1:1000), ELISA (Optimal dilution to be determined by the researcher) |
| **Size:** | 50 µg |
| **Concentration:** | 1 mg/ml |

**Immunohistochemistry Image:**
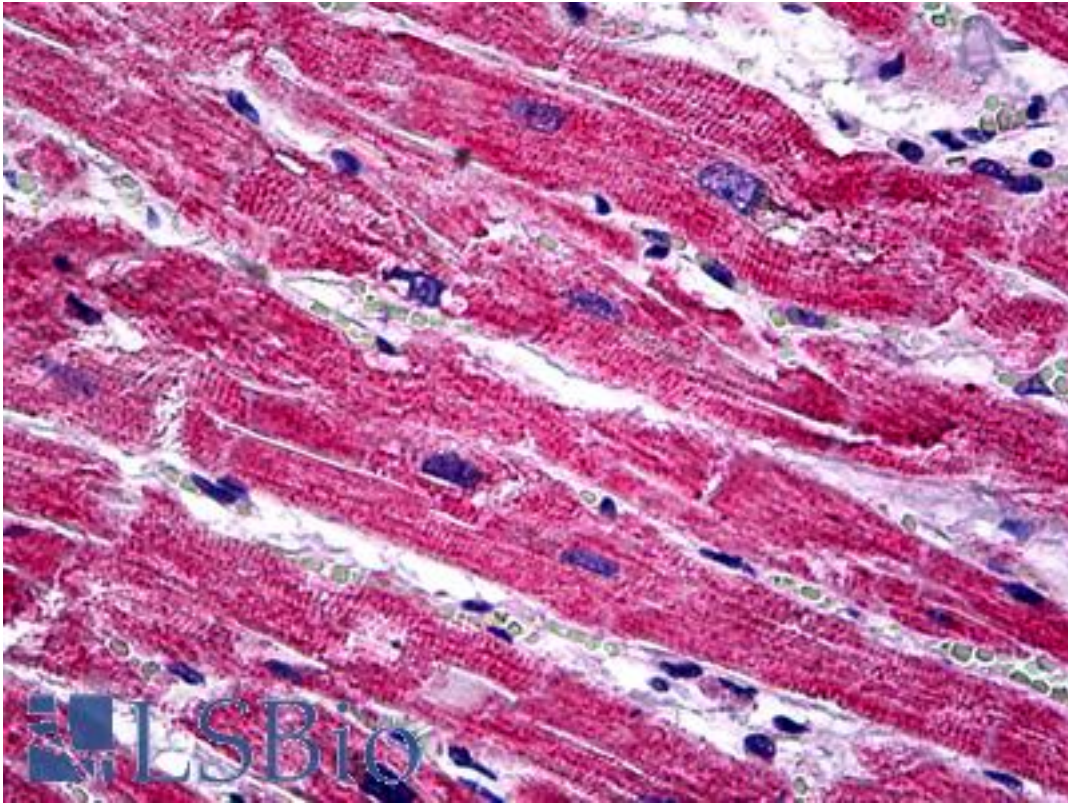


Anti-SPRY1 antibody IHC of human heart. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval. Antibody LS-B5441 concentration 5 ug/ml.
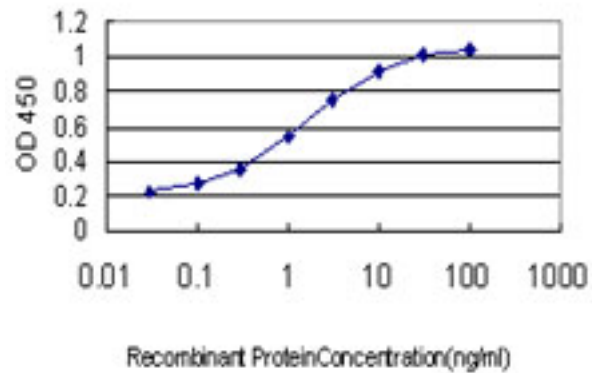
**Western Blot Image:**
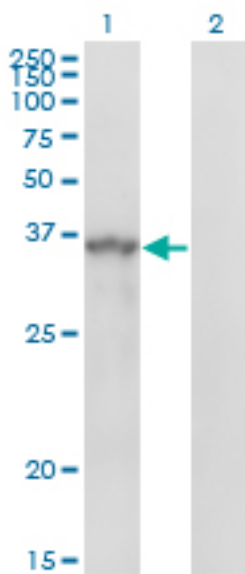


Western blot of SPRY1 expression in transfected 293T cell line by SPRY1 monoclonal antibody, clone 3H4.

**Western Blot Image:**
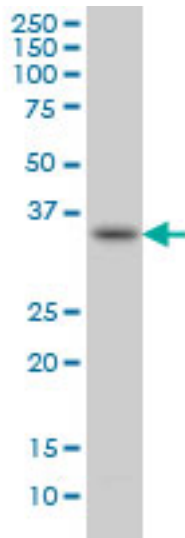


SPRY1 monoclonal antibody, clone 3H4. Western blot of SPRY1 expression in HepG2.

**ELISA Image:**



Detection limit for recombinant GST tagged SPRY1 is approximately 0.03 ng/ml as a capture antibody.

| Requested From: | Japan |
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