

## Mouse anti-Human FSCN1 Monoclonal Antibody | anti-FSCN1 antibody

FSCN1 antibody

| CATALOG # | HOST  | REACTIVITY | APPLICATIONS                                                                                   |
|-----------|-------|------------|------------------------------------------------------------------------------------------------|
| AAA48188  | Mouse | Human      | Flow Cytometry, Functional Assay, Immunofluorescence, Immunocytochemistry, Western Blot, ELISA |

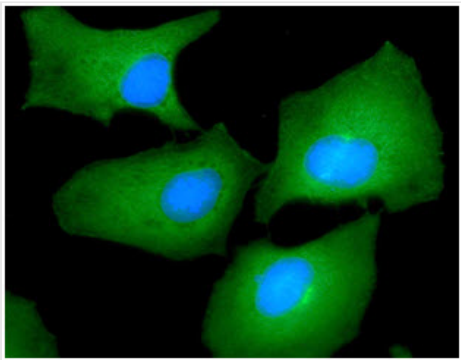
### PRODUCT SYNONYMS

FSCN1; Monoclonal Antibody; FSCN1 antibody; Fascin; FAN1; HSN; SNL; anti-FSCN1 antibody

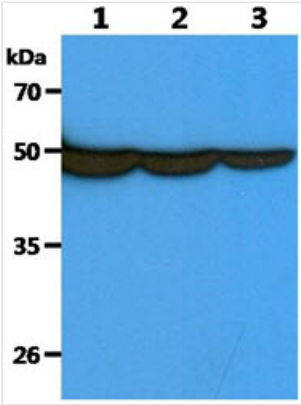
### PRODUCT SPECIFICATIONS

|                                                 |                                                                                                                                                                                  |
|-------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Host                                            | Mouse                                                                                                                                                                            |
| Reactivity                                      | Human                                                                                                                                                                            |
| Clonality                                       | Monoclonal                                                                                                                                                                       |
| Isotype                                         | IgG2b, k                                                                                                                                                                         |
| Clone Number                                    | AT13D2                                                                                                                                                                           |
| Purity/Purification                             | By protein-A affinity chromatography                                                                                                                                             |
| Form/Format                                     | Liquid. In phosphate-buffered saline (pH 7.4) with 0.02% Sodium Azide, 10% glycerol.                                                                                             |
| Concentration                                   | 1 mg/ml (varies by lot)                                                                                                                                                          |
| Sequence Length                                 | 493                                                                                                                                                                              |
| Applicable Applications for anti-FSCN1 antibody | FCM/FACS (Flow Cytometry), IF (Immunofluorescence), ICC (Immunocytochemistry), WB (Western Blot), ELISA                                                                          |
| Antigen Species                                 | Human                                                                                                                                                                            |
| Immunogen                                       | Recombinant human FSCN1 (1-493aa) purified from E. coli                                                                                                                          |
| Clone Note                                      | Anti-human FSCN1 mAb, clone AT13D2, is derived from hybridization of mouse F0 myeloma cells with spleen cells from BALB/c mice immunized with a recombinant human FSCN1 protein. |
| Preparation and Storage                         | Can be stored at 4 degree C.<br>For long term storage, aliquot and store at -20 degree C.<br>Avoid repeated freezing and thawing cycles.                                         |

IMAGES



**IF (Immunofluorescence)**  
ICC/IF analysis of FSCN1 in HeLa cells line, stained with DAPI (Blue) for nucleus staining and monoclonal anti-human FSCN1 antibody (1:100) with goat anti-mouse IgG-Alexa fluor 488 conjugate (Green).



**WB (Western Blot)**  
The Cell lysates (40ug) were resolved by SDS-PAGE, transferred to PVDF membrane and probed with anti-human FSCN1 antibody (1:1000). Proteins were visualized using a goat anti-mouse secondary antibody conjugated to HRP and an ECL detection system. Lane 1. : HeLa cell lysate Lane 2. : HepG2 cell lysate Lane 3. : THP-1 cell lysate

ADDITIONAL INFORMATION

|                                                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
|-----------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Related Product Information for anti-FSCN1 antibody | FSCN1 is an actin-bundling protein that provides rigidity to filopodial bundles to efficiently push the membrane forward during cytoskeleton remodeling and cell migration. Probably involved in the assembly of actin filament bundles present in microspikes, membrane ruffles, and stress fibers. And this protein is absent from most normal epithelia yet is upregulated in multiple forms of human carcinoma, where its expression correlates clinically with a poor prognosis. FSCN1 expression has been localized to neurons, glial cells, and endothelial cells. |
| Product Categories/Family for anti-FSCN1 antibody   | Signal Transduction                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| References                                          | Wu D., et al. (2010) Ann Oncol. 21 (3): 589-596. ; Shin H., et al. (2009) Phys Rev Left. 103 (23): 238102.                                                                                                                                                                                                                                                                                                                                                                                                                                                                |

NCBI AND UNIPROT INFORMATION

|                                  |                                                |
|----------------------------------|------------------------------------------------|
| NCBI GI #                        | 4507115                                        |
| NCBI GeneID                      | 6624                                           |
| NCBI Accession #                 | NP_003079                                      |
| NCBI GenBank Nucleotide #        | NM_003088.3                                    |
| UniProt Accession #              | Q16658; Q96IC5; Q96IH1; Q9BRF1; A6NI89; B2RE97 |
| Molecular Weight                 | 54,530 Da                                      |
| NCBI Official Full Name          | fascin                                         |
| NCBI Official Synonym Full Names | fascin actin-bundling protein 1                |
| NCBI Official Symbol             | FSCN1                                          |
| NCBI Official Synonym Symbols    | HSN; SNL; p55; FAN1                            |
| NCBI Protein Information         | fascin                                         |
| UniProt Protein Name             | Fascin                                         |
| UniProt Gene Name                | FSCN1                                          |
| UniProt Synonym Gene Names       | FAN1; HSN; SNL                                 |

**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/fscn1-antibody-clone-at13d2-flow-cytometry-immunofluorescence-immunocytochemistry-western-blot-elisa/48188>