

**Fascin Ab-1**

Catalog # MS-1112-S0, -S1, or -S (0.1ml, 0.5ml, or 1.0ml)

Catalog # MS-1112-R7 (7.0ml)

Catalog # MS-1112-PCS

**INTENDED USE:**

- **For In Vitro Diagnostic Use:** This product is intended for qualitative immunohistochemistry with normal and neoplastic formalin-fixed, paraffin-embedded tissue sections, to be viewed by light microscopy.
- **Description:** Human fascin is a highly conserved actin-bundling protein. Fascin, encoded by the human homolog for sn (hsn) gene, has been localized to microspikes and stress fibers of cultured cells where it is thought to be involved in the formation of microfilament bundles. It is expressed predominantly in dendritic cells. Lymphoid cells, myeloid cells and plasma cells are negative. However, Reed Sternberg cells in Hodgkin's lymphoma are positive for fascin staining. Epstein-Barr virus may induce expression of fascin in B cells.
- **Expected Staining Pattern:** Cytoplasmic
- **Positive Control:** Hodgkin's lymphoma or spleen

**MATERIALS PROVIDED:**

**Fascin Ab-1 (refer to catalog number):**

- #MS-1112-S (or -S0, -S1): Tissue culture supernatant, concentrated, with 0.09% Sodium Azide.  
or
- #MS-1112-R7: (7.0ml) of antibody prediluted in 0.05mol/L Tris-HCl, pH 7.6 containing stabilizing protein and 0.015mol/L sodium azide.  
or
- #MS-1112--PCS: 5 positive control slides.
- **Antibody Concentration:** Not known
- **Host:** Mouse
- **Mol. Wt. of Antigen:** 55kDa
- **Epitope:** Not determined
- **Species Reactivity:** Human and Rat. Others-not known.
- **Clone Designation:** FCN01 ; same as 55K-2
- **Ig Isotype / Light Chain:** IgG1
- **Immunogen:** Fascin purified from HeLa cells.
- **Microbiological State:** This product is not sterile.

**MATERIALS REQUIRED, BUT NOT PROVIDED:**

- **Antibody Diluent:** For concentrated antibodies, the antibody must be diluted before using. Use Lab Vision Antibody Diluent (catalog # TA-125-UD). Refer to diluent product instructions for use.
- **Negative Control Reagent:** Refer to the "General Protocol" instructions.
- **Visualization System:** Refer to the "General Protocol" instructions.

**METHODS AND PROCEDURES:**

<b>Specimen Preparation</b>	Refer to the "General Protocol" instructions.
<b>Dilution of Concentrated Antibody</b>	1:100-1:200 in antibody diluent
<b>Tissue Section Pretreatment</b>	Staining of formalin-fixed tissue sections requires treating the tissue sections in boiling 10mM citrate buffer, pH 6.0 (Lab Vision catalog # AP-9003), for 10-20 minutes followed by cooling at room temperature for 20 min.
<b>Primary Antibody Incubation Time</b>	30 minutes at Room Temperature
<b>Visualization</b>	To detect antibody, follow the instructions provided with the visualization system.

**STORAGE and STABILITY:**

This product contains sodium azide and is stable for 24 months when stored at 2-8°C. Do not use after expiration date indicated on label of the product. If reagent is not stored as recommended, performance must be validated by the user.

**REFERENCES:**

- 1) Yamashiro-Matsumura S and Matsumura F. J Biol Chem 1985; 260(8): 5087.
- 2) Yamashiro-Matsumura S and Matsumura F. J Cell Biol 1986; 103:631.
- 3) Duh F-M, et al. DNA Cell Biol 1994; 13(8):821.