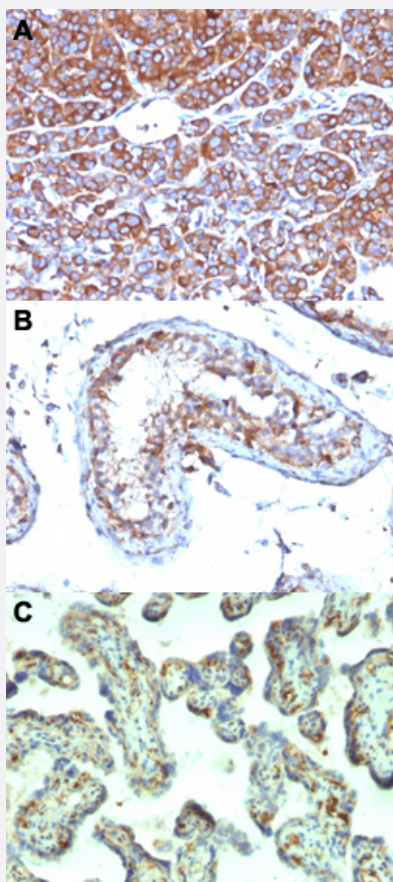


# MSN monoclonal antibody, clone MSN/492

Catalog # MAB14361      Size 100 ug

## Applications



### Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemical staining (Formalin-fixed paraffin-embedded sections) of human melanoma (A), human testicular carcinoma (B) and human placenta (C) with MSN monoclonal antibody, clone MSN/492 (Cat # MAB14361).

## Specification

|                             |                                                                             |
|-----------------------------|-----------------------------------------------------------------------------|
| <b>Product Description</b>  | Mouse monoclonal antibody raised against full length recombinant human MSN. |
| <b>Immunogen</b>            | Recombinant protein corresponding to full length human MSN.                 |
| <b>Host</b>                 | Mouse                                                                       |
| <b>Theoretical MW (kDa)</b> | 78                                                                          |

|                     |                                                                                                                                                                                                                                                                                         |
|---------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Reactivity          | Human                                                                                                                                                                                                                                                                                   |
| Form                | Liquid                                                                                                                                                                                                                                                                                  |
| Purification        | Protein A/G purification                                                                                                                                                                                                                                                                |
| Isotype             | IgG1, kappa                                                                                                                                                                                                                                                                             |
| Recommend Usage     | Flow Cytometry (0.5-1 ug/10 <sup>6</sup> cells in 0.1 mL)<br>Immunofluorescence (0.5-1 ug/mL)<br>Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) (0.5-1 ug/mL)<br>Western Blot (0.5-1 ug/mL)<br>The optimal working dilution should be determined by the end user. |
| Storage Buffer      | In 10 mM PBS (0.05% BSA, 0.05% sodium azide).                                                                                                                                                                                                                                           |
| Storage Instruction | Store at 4°C.                                                                                                                                                                                                                                                                           |
| Note                | This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.                                                                                                                                                                  |

## Applications

- Western Blot
- Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)  
Immunohistochemical staining (Formalin-fixed paraffin-embedded sections) of human melanoma (A), human testicular carcinoma (B) and human placenta (C) with MSN monoclonal antibody, clone MSN/492 (Cat # MAB14361).
- Immunofluorescence
- Flow Cytometry

## Gene Info — MSN

|                    |                        |
|--------------------|------------------------|
| Entrez GeneID      | <a href="#">4478</a>   |
| Protein Accession# | <a href="#">P26038</a> |
| Gene Name          | MSN                    |
| Gene Alias         | -                      |
| Gene Description   | moesin                 |

**Omim ID** [309845](#)

**Gene Ontology** [Hyperlink](#)

**Gene Summary** Moesin (for membrane-organizing extension spike protein) is a member of the ERM family which includes ezrin and radixin. ERM proteins appear to function as cross-linkers between plasma membranes and actin-based cytoskeletons. Moesin is localized to filopodia and other membranous protrusions that are important for cell-cell recognition and signaling and for cell movement. [provided by RefSeq]

**Other Designations** OTTHUMP00000023438

## Pathway

- [Leukocyte transendothelial migration](#)
- [Regulation of actin cytoskeleton](#)