

**Product Name: Moesin Rabbit Monoclonal Antibody****Catalog #: AMRe03091**

For research use only.

**Summary**

|                      |  |
|----------------------|--|
| <b>Description</b>   | Recombinant rabbit monoclonal antibody   |
| <b>Host</b>          | Rabbit   |
| <b>Application</b>   | WB,IHC,ICC/IF,IP   |
| <b>Reactivity</b>    | Human,Mouse,Rat  |
| <b>Conjugation</b>   | Unconjugated   |
| <b>Modification</b>  | Unmodified   |
| <b>Isotype</b>       | IgG  |
| <b>Clonality</b>     | Monoclonal   |
| <b>Form</b>          | Liquid   |
| <b>Concentration</b> | 0.45mg/ml. The concentration of this product may be batch-dependent.                                 |
| <b>Storage</b>       | Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.                          |
| <b>Shipping</b>      | Ice bags   |
| <b>Buffer</b>        | 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% protective protein |
| <b>Purification</b>  | Affinity Purification  |

**Application**

|                         |   |
|-------------------------|---|
| <b>Dilution Ratio</b>   | WB 1:500-1:1000,IHC 1:50-1:100,ICC/IF 1:50-1:200,IP 1:20-1:50 |
| <b>Molecular Weight</b> | Calculated MW: 68 kDa; Observed MW: 68 kDa                    |

**Antigen Information**

|                          |   |
|--------------------------|---|
| <b>Gene Name</b>         | MSN   |
| <b>Alternative Names</b> | MSN; Moesin; Membrane-organizing extension spike protein; RDX; Radixin; EZR; VIL2; Ezrin; Cytovillin; Villin-2; p81 |
| <b>Gene ID</b>           | 4478  |
| <b>SwissProt ID</b>      | P26038  |
| <b>Immunogen</b>         | A synthetic peptide corresponding to target protein   |

**Background**

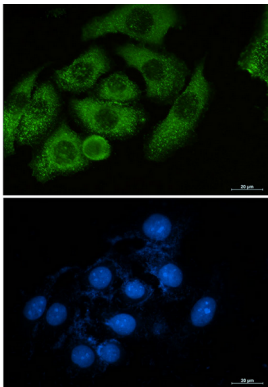
The ezrin, radixin, and moesin (ERM) proteins function as linkers between the plasma membrane and the actin cytoskeleton and

are involved in cell adhesion, membrane ruffling, and microvilli formation. ERM proteins undergo intra or intermolecular interaction between their amino- and carboxy-terminal domains, existing as inactive cytosolic monomers or dimers.

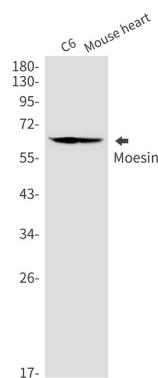
## Research Area

Signal Transduction

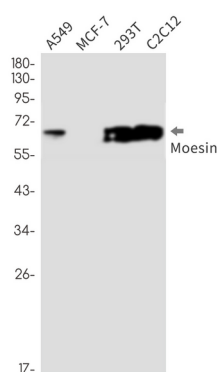
## Image Data



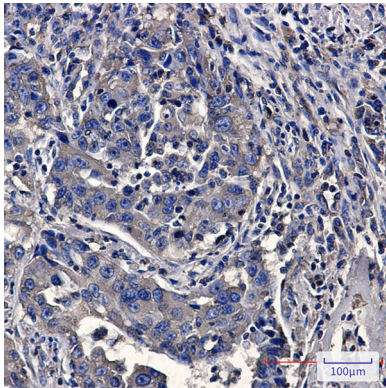
Immunocytochemistry analysis of Moesin (green) in A549 using Moesin antibody, and DAPI (blue).



Western blot analysis of Moesin in C6, mouse heart lysates using Moesin antibody.



Western blot analysis of Moesin in A549, MCF-7, 293T, C2C12 lysates using Moesin antibody



Immunohistochemistry analysis of paraffin-embedded Human lung cancer using Moesin antibody. High-pressure and temperature Sodium Citrate pH 6.0 was used for antigen retrieval.