

For Research Use Only

# Moesin Polyclonal antibody

Catalog Number: 26053-1-AP

Featured Product



## Basic Information

**Catalog Number:**

26053-1-AP

**Size:**

150ul , Concentration: 550 ug/ml by Nanodrop and 300 ug/ml by Bradford method using BSA as the standard;

**Source:**

Rabbit

**Isotype:**

IgG

**Immunogen Catalog Number:**

AG23531

**GenBank Accession Number:**

BC017293

**GeneID (NCBI):**

4478

**UNIPROT ID:**

P26038

**Full Name:**

moesin

**Calculated MW:**

577 aa, 68 kDa

**Observed MW:**

68-70 kDa

**Purification Method:**

Antigen affinity purification

**Recommended Dilutions:**

WB 1:1000-1:6000

IHC 1:300-1:1200

IF/ICC 1:200-1:800

## Applications

**Tested Applications:**

WB, IHC, IF/ICC, ELISA

**Species Specificity:**

human, mouse, rat

**Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (\*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0**

**Positive Controls:**

**WB :** HeLa cells, Jurkat cells, Neuro-2a cells, C6 cells, mouse heart tissue, mouse lung tissue, rat heart tissue

**IHC :** human colon tissue, mouse kidney tissue

**IF/ICC :** HepG2 cells,

## Background Information

Moesin belongs to the ezrin-radixin-moesin (ERM) family of proteins which act as cross-linkers between membrane and actin cytoskeleton. ERM proteins provide structural links to strengthen the cell cortex and facilitate several key cellular processes, including membrane dynamics, substrate adhesion, cell survival, cell adhesion, and motility. The function of ERM proteins is highly reliant on phosphorylation induced conformational changes in response to growth factor, chemokine, and antigen stimulation. This antibody may cross-react with ezrin or radixin with molecular weights around 68-70 kDa.

## Storage

**Storage:**

Store at -20°C. Stable for one year after shipment.

**Storage Buffer:**

PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

\*\*\* 20ul sizes contain 0.1% BSA

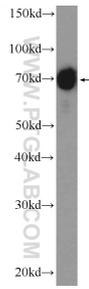
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

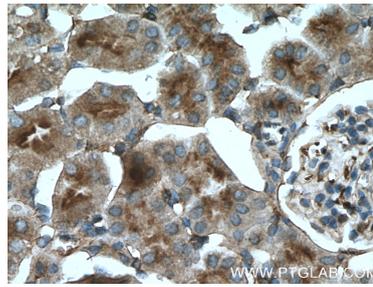
E: proteintech@ptglab.com  
W: ptglab.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

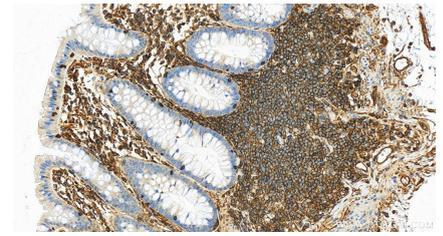
## Selected Validation Data



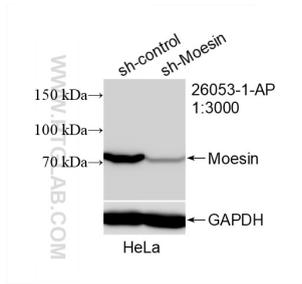
Jurkat cells were subjected to SDS PAGE followed by western blot with 26053-1-AP (MSN Antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.



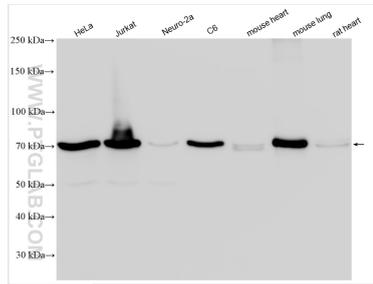
Immunohistochemical analysis of paraffin-embedded mouse kidney tissue slide using 26053-1-AP (MSN antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



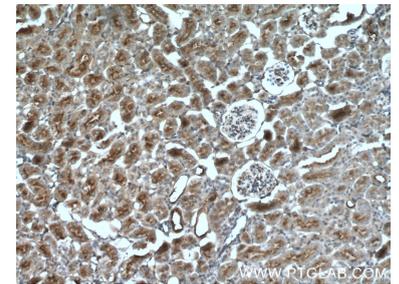
Immunohistochemical analysis of paraffin-embedded human normal colon slide using 26053-1-AP (Moesin antibody) at dilution of 1:600 (under 20x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



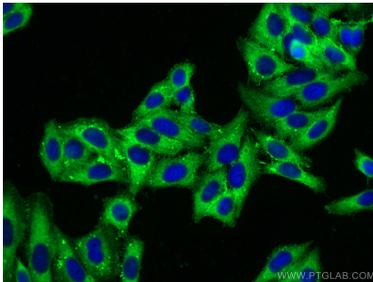
WB result of Moesin antibody (26053-1-AP; 1:3000; incubated at room temperature for 1.5 hours) with sh-Control and sh-Moesin transfected HeLa cells.



Various lysates were subjected to SDS PAGE followed by western blot with 26053-1-AP (MSN antibody) at dilution of 1:3000 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded mouse kidney tissue slide using 26053-1-AP (MSN antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunofluorescent analysis of (-20°C Ethanol) fixed HepG2 cells using Moesin antibody (26053-1-AP) at dilution of 1:400 and CoraLite®488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).