

# MSN-1

Uniprot ID: [P26038](#)

Protein name: MOES\_HUMAN

Full name: Moesin

Protein existence: evidence at protein level

Function: Probably involved in connections of major cytoskeletal structures to the plasma membrane.

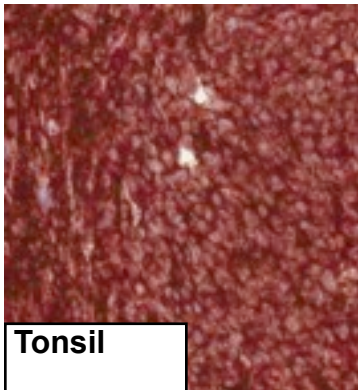
Subcellular location: Cell membrane; Peripheral membrane protein; Cytoplasmic side (by similarity). Cytoplasm (by similarity); Cytoskeleton (by similarity). Apical cell membrane; Peripheral membrane protein; Cytoplasmic side (by similarity). Cell projection; Microvillus membrane; Peripheral membrane protein; Cytoplasmic side (by similarity). *NOTE:* Phosphorylated form is enriched in microvilli-like structures at apical membrane (By similarity). Increased cell membrane localization of both phosphorylated and non-phosphorylated forms seen after thrombin treatment.

Tissue specificity: In all tissues and cultured cells studied.

Three antibodies: MSN-1, MSN-2 and MSN-3 were tested. All three antibodies were approved for IHC. MSN-3 was selected for full protein profiling.

## MSN-1 (CAB047336)

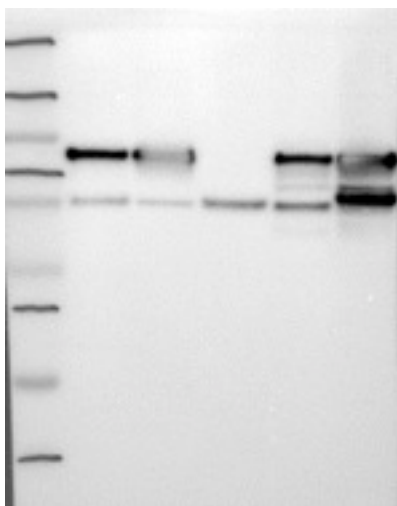
OK



### Immunohistochemistry

IHC protocol: HIER pH 6, Dilution 1:25000

IHC test staining: **Cytoplasmic and membranous staining, strong in inflammatory cells and endothelial cells.**



### Western blot

WB Size markers (kDa): 250, 130, 95, 72, 55, 36, 28, 17, 11

WB Lanes: Marker(1), RT-4(2), U251 MG(3), Plasma(4), Liver(5), Tonsil(6)

WB Target weight (kDa): 68

WB Validation: Supportive (Band of predicted size in kDa (+/-20%) with additional bands present)