

## Product datasheet for **TA323009S**

### Moesin (MSN) Rabbit Polyclonal Antibody

#### Product data:

Product Type:	Primary Antibodies
Applications:	IHC, WB
Recommended Dilution:	WB: 500-2000 WB positive control: 293T and A431 cells IHC: 50-200 Positive control: Human thyroid cancer Predicted cell location: Cytoplasm
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Fusion protein corresponding to N terminal 300 amino acids of human moesin
Formulation:	PBS pH7.3, 0.05% NaN <sub>3</sub> , 50% glycerol
Purification:	Antigen affinity purification
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	68 kDa
Gene Name:	moesin
Database Link:	<a href="#">NP_002435</a> <a href="#">Entrez Gene 17698 MouseEntrez Gene 81521 RatEntrez Gene 4478 Human P26038</a>

**Background:** 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. Probably involved in connections of major cytoskeletal structures to the plasma membrane. May inhibit herpes simplex virus 1 infection at an early stage.



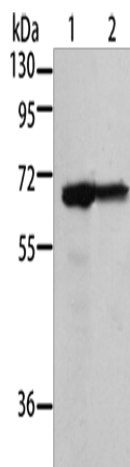
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Synonyms: HEL70

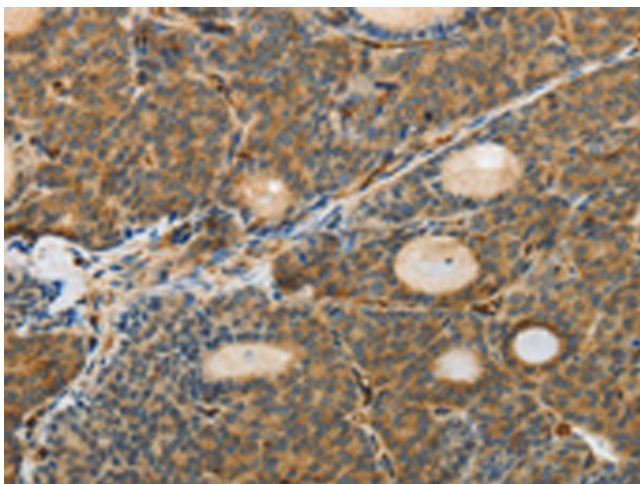
Protein Families: Druggable Genome

Protein Pathways: Leukocyte transendothelial migration, Regulation of actin cytoskeleton

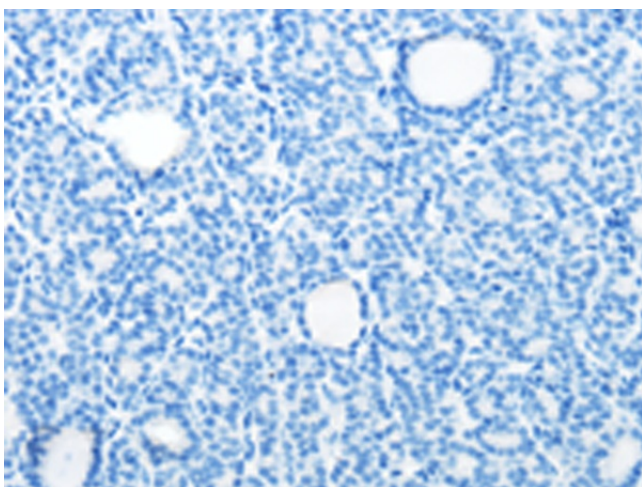
### Product images:



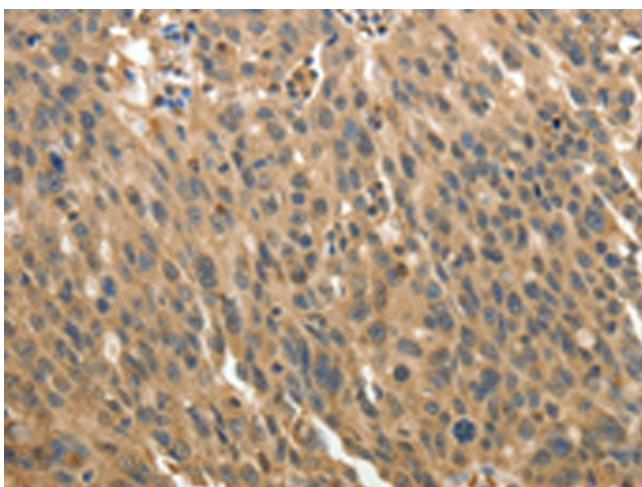
Gel: 10%SDS-PAGE  
Lysate: 40  $\mu$ g  
Lane 1-2: 293T cells  
A431 cells  
Primary antibody: [TA323009] (MSN Antibody) at dilution 1/500  
Secondary antibody: Goat anti rabbit IgG at 1/8000 dilution  
Exposure time: 1 minute



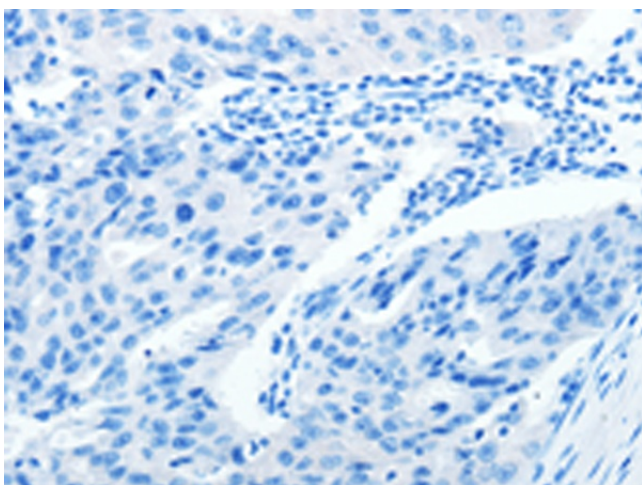
Immunohistochemistry of paraffin-embedded Human thyroid cancer tissue using [TA323009] (MSN Antibody) at dilution 1/30 (Original magnification:  $\times$ 200)



Immunohistochemistry of paraffin-embedded Human thyroid cancer tissue using [TA323009] (MSN Antibody) at dilution 1/30, treated with fusion protein. (Original magnification: ×200)



Immunohistochemistry of paraffin-embedded Human ovarian cancer tissue using [TA323009] (MSN Antibody) at dilution 1/30 (Original magnification: ×200)



Immunohistochemistry of paraffin-embedded Human ovarian cancer tissue using [TA323009] (MSN Antibody) at dilution 1/30, treated with fusion protein. (Original magnification: ×200)