

Anti-MSN Polyclonal Antibody

Cat: K109008P

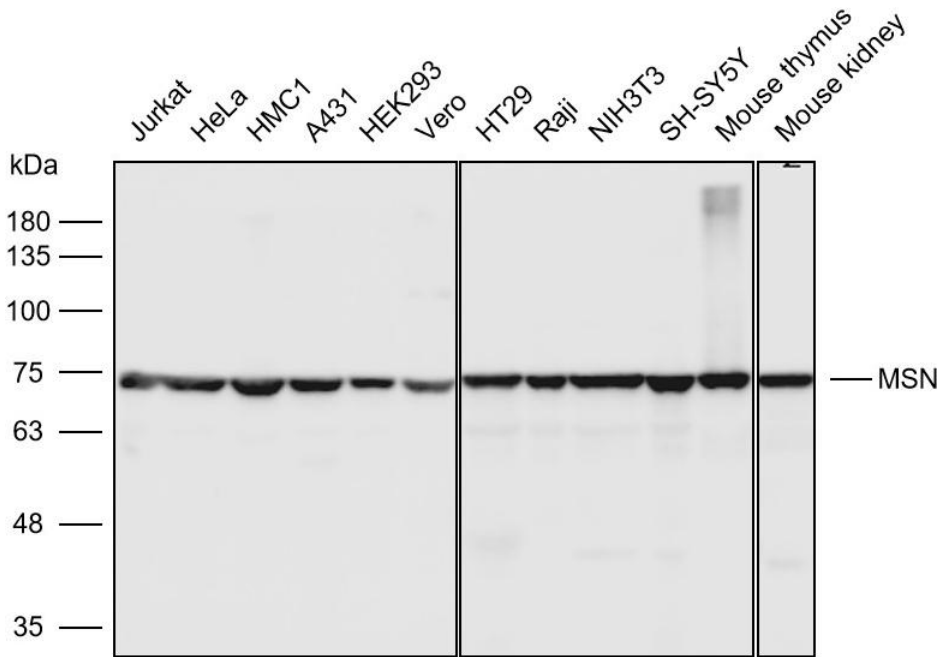
Summary:

【Product name】 : Anti-MSN antibody	【Source】 : Rabbit
【Isotype】 : IgG	【Species reactivity】 : Human Mouse Rat Cow Monkey
【Swiss Prot】 : P26038	【Gene ID】 : 4478/5962
【Calculated】 : MW:68kDa	【Observed】 : MW:72kDa
【Purification】 : Affinity purification	
【Tested applications】 : WB IHC	
【Recommended dilution】 : WB 1:8000-12000. IHC 1:100-300.	
【WB Positive sample】 : Jurkat,Hela,HMC1,A431,HEK293,Vero,HT29,Raji,NIH3T3,SH-SY5Y,Mouse thymus,Mouse kidney	
【IHC Positive sample】 : Human breast cancer	
【Subcellular location】 : Cytoplasm	
【Immunogen】 : A synthetic peptide of Human MSN	
【Storage】 : Shipped at 4°C. Upon delivery aliquot and store at -20°C	

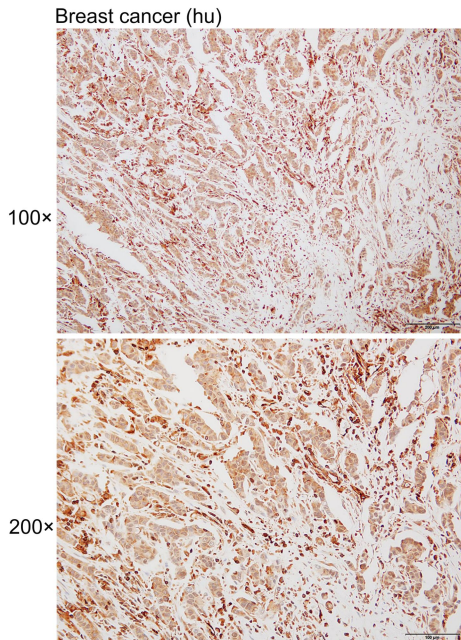
Background:

Ezrin-radixin-moesin (ERM) family protein that connects the actin cytoskeleton to the plasma membrane and thereby regulates the structure and function of specific domains of the cell cortex. Tethers actin filaments by oscillating between a resting and an activated state providing transient interactions between moesin and the actin cytoskeleton. Once phosphorylated on its C-terminal threonine, moesin is activated leading to interaction with F-actin and cytoskeletal rearrangement. These rearrangements regulate many cellular processes, including cell shape determination, membrane transport, and signal transduction. The role of moesin is particularly important in immunity acting on both T and B-cells homeostasis and self-tolerance, regulating lymphocyte egress from lymphoid organs. Modulates phagolysosomal biogenesis in macrophages (By similarity). Participates also in immunologic synapse formation.

Verified picture



Western blot analysis with MSN antibody diluted at 1:8000; Lane:
 Jurkat, HeLa, HMC1, A431, HEK293, Vero, HT29, Raji, NIH3T3,
 SH-SY5Y, Mouse thymus, Mouse kidney



Immunohistochemistry of paraffin-embedded
 Human breast cancer with MSN antibody
 diluted at 1:200