

# Anti-MST1 Antibody

**CATALOG NO.:** A1895-100 100 µl.

**BACKGROUND DESCRIPTION:** The protein encoded by this gene contains four kringle domains and a serine protease domain, similar to that found in hepatic growth factor. Despite the presence of the serine protease domain, the encoded protein may not have any proteolytic activity. The receptor for this protein is RON tyrosine kinase, which upon activation stimulates ciliary motility of ciliated epithelial lung cells. This protein is secreted and cleaved to form an alpha chain and a beta chain bridged by disulfide bonds.

**ALTERNATE NAMES:** D3F15S2, MSP, DNF15S2, macrophage stimulating 1, HGFL, MST1, NF15S2

**ANTIBODY TYPE:** Polyclonal

**HOST/ISOTYPE:** Rabbit / Rabbit IgG.

**IMMUNOGEN:** Recombinant fusion protein containing a sequence corresponding to amino acids 200-500 of human MST1 (NP\_066278.3).

**PURIFICATION:** Affinity purification.

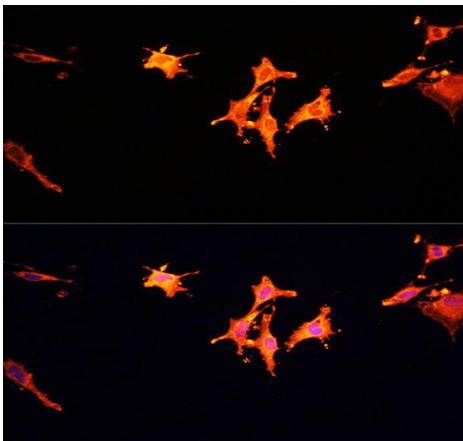
**FORM:** Liquid.

**FORMULATION:** Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

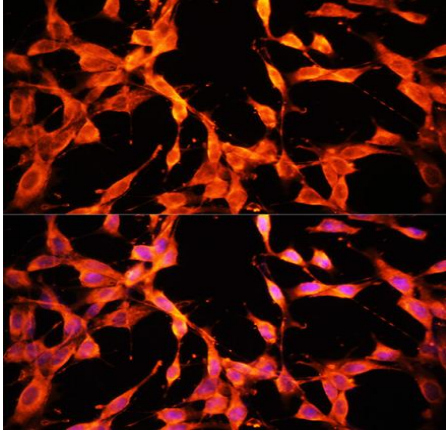
**SPECIES REACTIVITY:** Rat.  
Mouse.  
Human.

**STORAGE CONDITIONS:** Store at -20°C; Avoid freeze / thaw cycles.

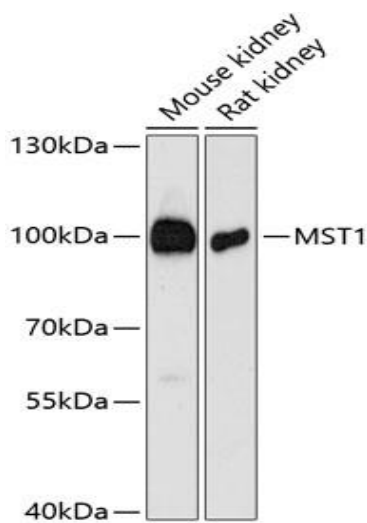
**APPLICATIONS AND USAGE:** IHC 1:50 - 1:200.  
WB 1:500 - 1:2000.  
IF 1:50 - 1:200.



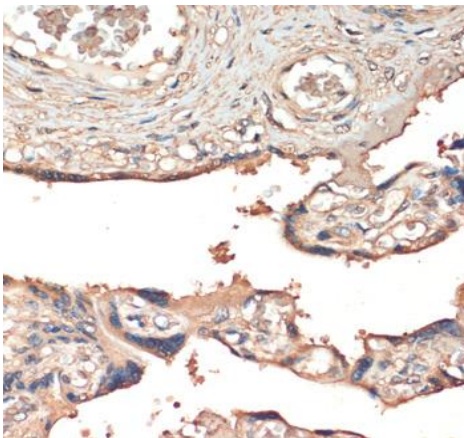
Immunofluorescence analysis of C6 cells using MST1 antibody at dilution of 1:100. Blue: DAPI for nuclear staining.



Immunofluorescence analysis of NIH/3T3 cells using MST1 antibody at dilution of 1:100. Blue: DAPI for nuclear staining.



Western blot analysis of extracts of various cell lines, using MST1 antibody at 1:3000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 90s.



Immunohistochemistry of paraffin-embedded human placenta using MST1 antibody at dilution of 1:200 (40x lens).

#### RELATED PRODUCTS:

- MST-1/Krs-2 Antibody (3667)
- Anti- MUC6 Antibody (A1563)
- Anti-AGR2 Antibody (a1008)
- Anti-Caveolin-1 Antibody (A1010)

**FOR RESEARCH USE ONLY! Not to be used on humans.**