

Anti-MST1 Picoband Antibody

Catalog # ABO10147

### Specification

# **Anti-MST1 Picoband Antibody - Product Information**

ApplicationWBPrimary AccessionP26927HostRabbitReactivityHuman, Mouse, RatClonalityPolyclonalFormatLyophilizedDescriptionPabbit InG polyclonal antibody for MST1 detection. Tested with WB in Human

Rabbit IgG polyclonal antibody for MST1 detection. Tested with WB in Human; Mouse; Rat.

Reconstitution

Add 0.2ml of distilled water will yield a concentration of 500ug/ml.

## Anti-MST1 Picoband Antibody - Additional Information

Gene ID 4485

**Other Names** 

Hepatocyte growth factor-like protein, Macrophage stimulatory protein, Macrophage-stimulating protein, MSP, Hepatocyte growth factor-like protein alpha chain, Hepatocyte growth factor-like protein beta chain, MST1, D3F15S2, DNF15S2, HGFL

**Application Details** Western blot, 0.1-0.5 µg/ml<br>

Subcellular Localization Secreted.

**Contents** Each vial contains 4mg Trehalose, 0.9mg NaCl, 0.2mg Na<sub>2</sub>HPO<sub>4</sub>, 0.05mg NaN<sub>3</sub>.

Immunogen A synthetic peptide corresponding to a sequence of human MST1 (QRSPLNDFQVLRGTELQHLLHAVVPGPWQEDVADAEE).

**Cross Reactivity** No cross reactivity with other proteins.

Storage

At -20°C; for one year. After r°Constitution, at 4°C; for one month. It°Can also be aliquotted and stored frozen at -20°C; for a longer time. Avoid repeated freezing and thawing.



## Anti-MST1 Picoband Antibody - Protein Information

Name MST1

Synonyms D3F15S2, DNF15S2, HGFL

Cellular Location Secreted.

### Anti-MST1 Picoband Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- <u>Western Blot</u>
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- <u>Cell Culture</u>

### Anti-MST1 Picoband Antibody - Images

## **Anti-MST1 Picoband Antibody - Background**

Macrophage-stimulating protein (MSP), also known as HLP, HGFL, or HGFLP, is a protein that in humans is encoded by the MST1 gene. 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.