

## Anti-MST1 Antibody Picoband® PE Conjugated

Catalog Number: A01069-1-PE

### About MST1

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.

### Overview

Product Name	Anti-MST1 Antibody Picoband® PE Conjugated
Reactive Species	Human, Mouse, Rat
Application	Recommended applications are based on the parent unconjugated antibody (WB). Customers may select suitable applications according to their experimental needs.
Clonality	Polyclonal
Formulation	Each vial contains 50% glycerol, 0.9% NaCl, 0.2% Na <sub>2</sub> HPO <sub>4</sub> , 0.02% NaN <sub>3</sub> .
Storage Instructions	At -20°C for one year from date of receipt. Avoid repeated freezing and thawing. Protect from light.
Host	Rabbit
Uniprot ID	P26927

### Technical Details

Immunogen	A synthetic peptide corresponding to a sequence at the N-terminus of human MST1, which shares 83.8% and 89.2% amino acid (aa) sequence identity with mouse and rat MST1, respectively.
Cross Reactivity	No cross-reactivity with other proteins.
Isotype	Rabbit IgG
Form	Liquid
Concentration	0.5 mg/mL
Conjugate	PE Excitation Wavelength: 566 nm Emission Wavelength: 574 nm
Suggested Dilutions	Optimal dilutions should be determined by end users.

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Anti-MST1 Antibody - PE

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