10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

Anti-Hepsin-FITC-labled

Catalog # AP101970

Product Information

Application	FC, IF/IC
Primary Accession	P05981
Reactivity	Human
Clonality	Monoclonal
Calculated MW	45011

Additional Information

Gene ID	3249
Other Names	TMPRSS1; Serine protease hepsin; Transmembrane protease serine 1
Target/Specificity	Recognizes human Hepsin
Dilution	FC~~1:10~50 IF/IC~~N/A
Format	Mouse IgG2a kappa. Liquid in PBS, pH 7.3, 0.2% BSA, and 0.02% sodium azide.
Storage	Store at -20 °C.Stable for 12 months from date of receipt

Protein Information

Name	HPN
Synonyms	TMPRSS1
Function	Serine protease that cleaves extracellular substrates, and contributes to the proteolytic processing of growth factors, such as HGF and MST1/HGFL (PubMed:15839837, PubMed:21875933). Plays a role in cell growth and maintenance of cell morphology (PubMed:21875933, PubMed:8346233). Plays a role in the proteolytic processing of ACE2 (PubMed:24227843). Mediates the proteolytic cleavage of urinary UMOD that is required for UMOD polymerization (PubMed:26673890).
Cellular Location	Cell membrane; Single-pass type II membrane protein Apical cell membrane; Single-pass type II membrane protein
Tissue Location	Detected in liver and kidney.

Background

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.