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Anti-Hepsin Antibody

Catalog # AP95426

Product Information

Application	FC, IF/IC
Primary Accession	P05981
Reactivity	Human
Host	Mouse
Clonality	Monoclonal (clone: 2D5)
Calculated MW	45011

Additional Information

Gene ID	3249
Other Names	TMPRSS1; Serine protease hepsin; Transmembrane protease serine 1
Target/Specificity	Recombinant fusion protein of human HPN
Dilution	FC~~1:10~50 IF/IC~~N/A
Format	Mouse IgG2a kappa. Liquid in PBS, pH 7.3, 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.

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