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

# Anti-Hepsin-AcalephFluor488-labled

Catalog # AP101964

## Product Information

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

## Additional Information

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|---|---|
| **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

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|---|---|
| **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'.