

# Anti-Hepsin Reference Antibody (Genentech patent anti-Hepsin)

Catalog # APR11476

## Product Information

---

|                   |                                                                |
|-------------------|----------------------------------------------------------------|
| Application       | Functional assay, Kinetics (SPR), Kinetics (BLI), FACS, E, FTA |
| Primary Accession | <a href="#">P05981</a>                                         |
| Reactivity        | Human                                                          |
| Clonality         | Monoclonal                                                     |
| Isotype           | IgG1                                                           |
| Calculated MW     | 45011                                                          |

## Additional Information

---

|                    |        |
|--------------------|--------|
| Target/Specificity | Hepsin |
| Expression system  | CHO    |

## Protein Information

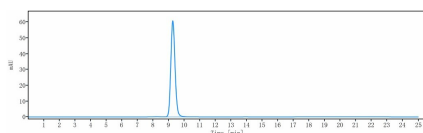
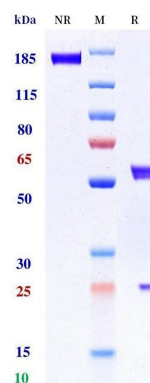
---

|                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
|-------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 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: <a href="#">15839837</a> , PubMed: <a href="#">21875933</a> ). Plays a role in cell growth and maintenance of cell morphology (PubMed: <a href="#">21875933</a> , PubMed: <a href="#">8346233</a> ). Plays a role in the proteolytic processing of ACE2 (PubMed: <a href="#">24227843</a> ). Mediates the proteolytic cleavage of urinary UMOD that is required for UMOD polymerization (PubMed: <a href="#">26673890</a> ). |
| 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.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |

## Images

---

Anti-Hepsin Reference Antibody (Genentech patent anti-Hepsin) on SDS-PAGE under reducing (R) condition. The purity of the protein is greater than 95%.



The purity of Anti-Hepsin Reference Antibody (Genentech patent anti-Hepsin) is 100%, determined by SEC-HPLC.

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