**DESCRIPTION**

**Species Reactivity**  
Human

**Specificity**  
Detects human HTRA1/PRSS11 in direct ELISAs and Western blots.

**Source**  
Monoclonal Mouse IgG 
Clone # 275615

**Purification**  
Protein A or G purified from hybridoma culture supernatant

**Immunogen**  
Mouse myeloma cell line NS0-derived recombinant human HTRA1/PRSS11  
Gln23-Pro480  
Accession # Q92743

**Formulation**  
Lyophilized from a 0.2 μm filtered solution in PBS with Trehalose. See Certificate of Analysis for details.  
*Small pack size (-SP) is supplied either lyophilized or as a 0.2 μm filtered solution in PBS.*

**APPLICATIONS**

**Please Note:** Optimal dilutions should be determined by each laboratory for each application. General Protocols are available in the Technical Information section on our website.

<table>
<thead>
<tr>
<th>Sample</th>
<th>Recommended Concentration</th>
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<tbody>
<tr>
<td>Western Blot</td>
<td>1 μg/mL</td>
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<tr>
<td>Immunoprecipitation</td>
<td>25 μg/mL</td>
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**DATA**

**Western Blot**  
Detection of Human HTRA1/PRSS11 by Western Blot. Western blot shows lysates of human placenta tissue. PVDF membrane was probed with 1 μg/mL of Mouse Anti-Human HTRA1/PRSS11 Monoclonal Antibody (Catalog # MAB2916) followed by HRP-conjugated Anti-Mouse IgG Secondary Antibody (Catalog # HAF007). A specific band was detected for HTRA1/PRSS11 at approximately 51 kDa (as indicated). This experiment was conducted under non-reducing conditions and using Immunoblot Buffer Group 1.

**PREPARATION AND STORAGE**

**Reconstitution**  
Reconstitute at 0.5 mg/mL in sterile PBS.

**Shipping**  
The product is shipped at ambient temperature. Upon receipt, store it immediately at the temperature recommended below.  
*Small pack size (-SP) is shipped with polar packs. Upon receipt, store it immediately at -20 to -70 °C.*

**Stability & Storage**  
Use a manual defrost freezer and avoid repeated freeze-thaw cycles.  
- 12 months from date of receipt, -20 to -70 °C as supplied.  
- 1 month, 2 to 8 °C under sterile conditions after reconstitution.  
- 6 months, -20 to -70 °C under sterile conditions after reconstitution.

**BACKGROUND**

HTRA1 is a serine protease encoded by the PRSS11 gene and is expressed in many tissues. HTRA1 regulates the availability of IGFs by cleaving IGFBPs.