**DESCRIPTION**

**Species Reactivity**  Human/Mouse

**Specificity**  Detects human and mouse TSG-6 in direct ELISAs and Western blots.

**Source**  Monoclonal Mouse IgG2B Clone # 259820

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

**Immunogen**  Mouse myeloma cell line NS0-derived recombinant human TSG-6 Trp18-Leu277

**Accession #**  P98066

**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>
</tr>
</thead>
<tbody>
<tr>
<td>Recombinant Human TSG-6</td>
<td>1 μg/mL</td>
</tr>
<tr>
<td>(Catalog # 2104-TS)</td>
<td></td>
</tr>
<tr>
<td>Recombinant Mouse TSG-6</td>
<td>1 μg/mL</td>
</tr>
<tr>
<td>(Catalog # 2326-TS)</td>
<td></td>
</tr>
</tbody>
</table>

**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**

TSG-6 is a secreted hyaluronan-binding protein composed of a link domain and Cub domain. It is induced in many cell types by inflammatory mediators. Via its link domain, TSG-6 is a potent inhibitor of polymorphonuclear leukocyte migration. TSG-6 forms a stable complex with the serine protease inhibitor Inter-α-Inhibitor (IαI) and potentiates the anti-plasmin activity of IαI.