

**DESCRIPTION**

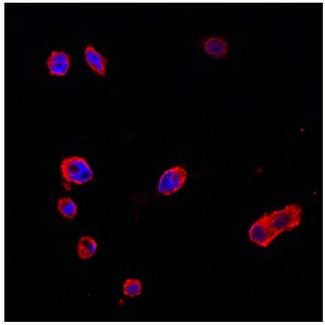
<b>Species Reactivity</b>	Mouse/Rat
<b>Specificity</b>	Detects mouse Follistatin-like 1/FSTL1 in direct ELISAs.
<b>Source</b>	Monoclonal Rat IgG <sub>2B</sub> Clone # 228208
<b>Purification</b>	Protein A or G purified from hybridoma culture supernatant
<b>Immunogen</b>	Mouse myeloma cell line NS0-derived recombinant mouse Follistatin-like 1/FSTL1 Glu19-Ile306 Accession # NP_032073
<b>Formulation</b>	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.

	<b>Recommended Concentration</b>	<b>Sample</b>
<b>Immunocytochemistry</b>	8-25 µg/mL	See Below

**DATA**

<p><b>Immunocytochemistry</b></p> 	<p><b>Follistatin-like 1/FSTL1 in PC-12 Rat Cell Line.</b> Follistatin-like 1/FSTL1 was detected in immersion fixed PC-12 rat adrenal pheochromocytoma cell line using Rat Anti-Mouse/Rat Follistatin-like 1/FSTL1 Monoclonal Antibody (Catalog # MAB17381) at 10 µg/mL for 3 hours at room temperature. Cells were stained using the Northern-Lights™ 557-conjugated Anti-Rat IgG Secondary Antibody (red; Catalog # NL013) and counterstained with DAPI (blue). View our protocol for <a href="#">Fluorescent ICC Staining of Cells on Coverslips</a>.</p>
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**PREPARATION AND STORAGE**

<b>Reconstitution</b>	Reconstitute at 0.5 mg/mL in sterile PBS.
<b>Shipping</b>	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
<b>Stability &amp; Storage</b>	<b>Use a manual defrost freezer and avoid repeated freeze-thaw cycles.</b> <ul style="list-style-type: none"> <li>● 12 months from date of receipt, -20 to -70 °C as supplied.</li> <li>● 1 month, 2 to 8 °C under sterile conditions after reconstitution.</li> <li>● 6 months, -20 to -70 °C under sterile conditions after reconstitution.</li> </ul>

**BACKGROUND**

Follistatin-Like 1 (FSTL1), also known as FSTL1 and follistatin-related protein (FRP), is a secreted protein that contains a follistatin-like domain, a Kazal-like domain and a von Willebrand factor C domain. Human FSTL1 shares 92% amino acid sequence identity with the mouse FSTL1, also known as TSC-36.