Mouse/Rat Follistatin-like 1/FSTL1 Antibody

Monoclonal Rat IgG_{2B} Clone # 228208

Catalog Number: MAB17381

DESCRIPTION

Species Reactivity	Mouse/Rat
Specificity	Detects mouse Follistatin-like 1/FSTL1 in direct ELISAs.
Source	Monoclonal Rat IgG_{2B} Clone # 228208
Purification	Protein A or G purified from hybridoma culture supernatant
Immunogen	Mouse myeloma cell line NS0-derived recombinant mouse Follistatin-like 1/FSTL1 Glu19-Ile306 Accession # NP_032073
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 as a 0.2 μm filtered solution in PBS.

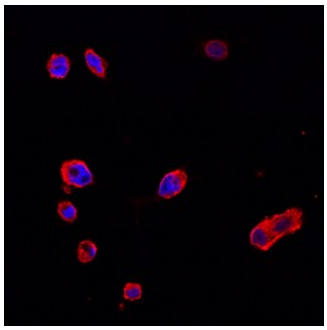
APPLICATIONS

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.*

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

DATA

Immunocytochemistry



Follistatin-like 1/FSTL1 in PC-12 Rat Cell Line. 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 NorthernLights™ 557-conjugated Anti-Rat IgG Secondary Antibody (red; Catalog # NL013) and counterstained with DAPI (blue). View our protocol for Fluorescent ICC Staining of Cells on Coverslips.

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

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.

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