Mouse Stanniocalcin 2/STC-2 Antibody

Antigen Affinity-purified Polyclonal Goat IgG
Catalog Number: AF2837

DESCRIPTION

Species Reactivity	Mouse
Specificity	Detects mouse Stanniocalcin 2/STC-2 in direct ELISAs and Western blots. In direct ELISAs and Western blots, approximately 40% cross-reactivity with recombinant human STC-2 is observed.
Source	Polyclonal Goat IgG
Purification	Antigen Affinity-purified
Immunogen	Mouse myeloma cell line NS0-derived recombinant mouse Stanniocalcin 2/STC-2 Thr25-Arg296 Accession # O88452
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.*

	Recommended Concentration	Sample
Western Blot	0.1 µg/mL	Recombinant Mouse Stanniocalcin 2

PREPARATION AND STORAGE

Reconstitution	Reconstitute at 0.2 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

Mouse STC-2 is a secreted disulfide-linked homodimeric glycoprotein hormone that is related to the STC protein first discovered from corpuscles of stannius in fish. STC2 is expressed in a wide variety of tissues. In the ovary, mouse STC2 has been shown to be a paracrine hormone that regulates granulosa cell function. The amino acid sequence of mouse mature STC2 is 32% identical to that of mouse STC1. It is also 97%, 90% and 88% identical to that of mature rat, monkey and human STC2, respectively.

bio-techne®
Global bio-techne.com info@bio-techne.com techsupport@bio-techne.com TEL +1 612 379 2956
USA TEL 800 343 7475 **Canada** TEL 855 668 8722 **China** TEL +86 (21) 52380373
Europe | Middle East | Africa TEL +44 (0)1235 529449