BOSTER BIOLOGICAL TECHNOLOGY
3942 B Valley Ave, Pleasanton, CA 94566
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Anti-STMN1 Antibody (C-Term)

Catalog Number: M01194-2

About STMN1

Involved in the regulation of the microtubule (MT) filament system by destabilizing microtubules. Prevents assembly and promotes disassembly of microtubules. Phosphorylation at Ser- 16 may be required for axon formation during neurogenesis. Involved in the control of the learned and innate fear (By similarity).

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Overview

Product Name	Anti-STMN1 Antibody (C-Term)
Reactive Species	Human, Rat
Description	Boster Bio Anti-STMN1 Antibody (C-Term) (Catalog # M01194-2). Tested in WB, Flow Cytometry application(s). This antibody reacts with Human, Rat.
Application	Flow Cytometry, WB
Clonality	Polyclonal
Formulation	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide.
Storage Instructions	Maintain refrigerated at 2-8°C for up to 2 weeks. For long-term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.
Host	Rabbit
Uniprot ID	P16949

Technical Details

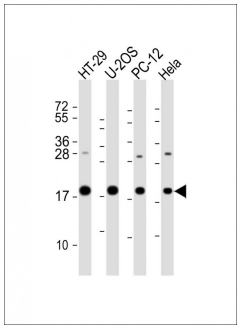
Immunogen	This STMN1 antibody is generated from a rabbit immunized with a KLH conjugated synthetic peptide between 106-140 amino acids from human STMN1.
Predicted Reactive Species	Bovine, Monkey, Pig
Isotype	Rabbit IgG
Purification	This antibody is purified through a protein A column, followed by peptide affinity purification.

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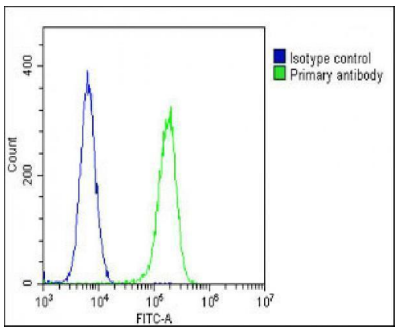
Suggested Dilutions	WB: 1:2000 FC: 1:25 Tested Species: In-house tested species with positive results. Other applications have not been tested. Optimal dilutions should be determined by end users.

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Anti-STMN1 Antibody (C-Term) (M01194-2) Images



All lanes : Anti-STMN1 Antibody (C-Term) at 1:2000 dilutionLane 1: HT-29 whole cell lysateLane 2: U-2OS whole cell lysateLane 3: PC-12 whole cell lysateLane 4: Hela whole cell lysateLysates/proteins at 20 µg per lane. SecondaryGoat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 17 kDaBlocking/Dilution buffer: 5% NFDM/TBST.



Overlay histogram showing U-2 OS cells stained with M01194-2(green line). The cells were fixed with 2% paraformaldehyde (10 min) and then permeabilized with 90% methanol for 10 min. The cells were then icubated in 2% bovine serum albumin to block non-specific protein-protein interactions followed by the antibody (M01194-2, 1:25 dilution) for 60 min at 37ºC. The secondary antibody used was Goat-Anti-Rabbit IgG, DyLight® 488 Conjugated Highly Cross-Adsorbed at 1/200 dilution for 40 min at 37ºC. Isotype control antibody (blue line) was rabbit IgG1 (1ug/1x10^6 cells) used under the same conditions. Acquisition of >10, 000 events was performed.

Anti-STMN1 Antibody (C-Term)

For Research Use Only. Not for use in diagnostic procedures.