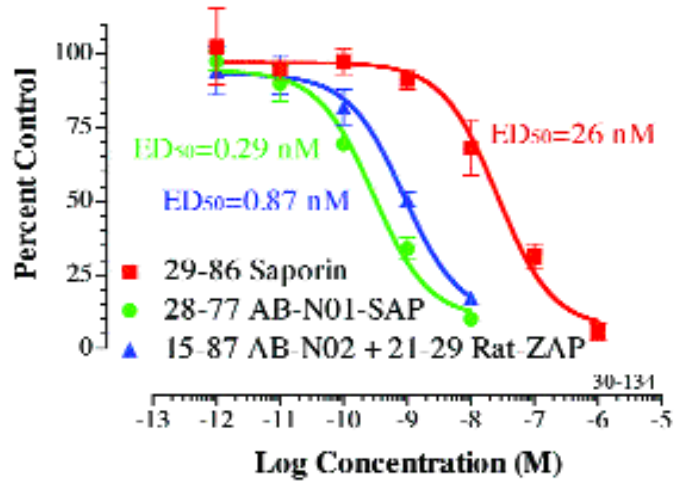


Targeting Tools: Featured Products

Rat-ZAP

Advanced Targeting Systems is pleased to announce the arrival of its newest second immunotoxin, Rat-ZAP. This new screening agent is constructed from goat anti-rat IgG conjugated to saporin. Like the other second immunotoxins, Hum-ZAP, Mab-ZAP and Rab-ZAP, it converts your primary antibody, in this case a rat IgG, into a potent cytotoxic agent for cells that express the antigen of the rat IgG on their surface. The figure on the right shows the power of this second immunotoxin. So whether it's high-throughput screening, or just testing your antibody, this is a potent new tool to determine if your rat antibody internalizes.

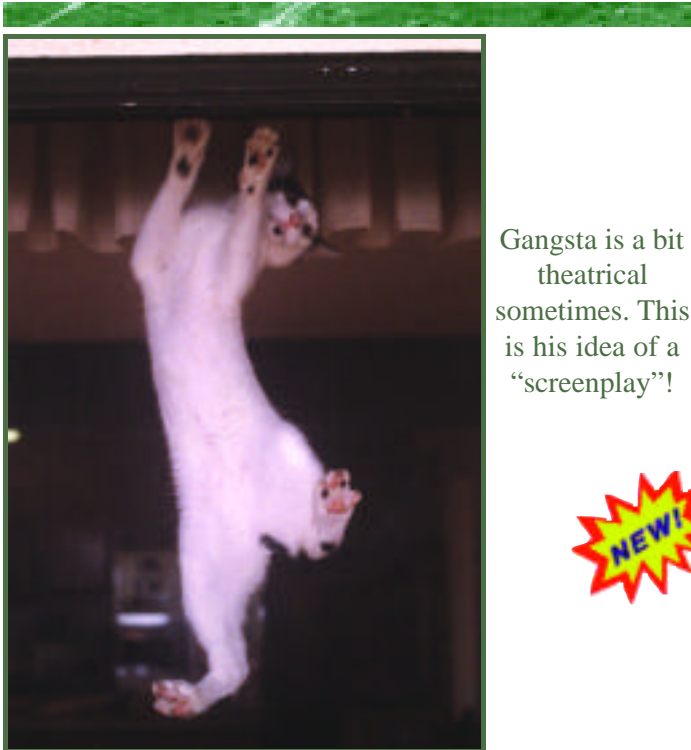


NG3 cells were plated at 1000 cells/90 μ l/well in a 96-well plate and incubated overnight. Saporin and ABN01-SAP dilutions were made in cell media, and 10 μ l was added to each well. Anti- μ p75 was diluted in cell media containing, at a final concentration, 50 ng/10 μ l of Rat-ZAP, and 10 μ l was added to each well. The plates were incubated 72 hours and developed with MTS/PMS. Data was analyzed by Prism (GraphPad).

Rat-ZAP (Cat. # IT-26)
Available Individually and as a Kit
(with control immunotoxin)

PRODUCT PRICING

25 μ g	\$165 (\$215)
100 μ g	\$625 (\$825)
250 μ g	\$1450 (\$950)



Gangsta is a bit theatrical sometimes. This is his idea of a "screenplay"!



In the near future, ATS will be offering two new cytotoxins specific for interesting cell populations. Both are based on the extreme affinity of ligands for their receptors. The first is **CCK-SAP**, a conjugate between non-sulfated cholecystokinin and saporin. This targeted toxin shows excellent affinity for its receptor, and promises to be an important agent for determination of the systems biology function of CCK receptor-expressing cells, especially neurons. The second is **FGF-SAP**, a conjugate between basic fibroblast growth factor (FGF-2) and saporin. It has a lengthy resume on its efficacy for removal of FGF receptor-expressing cells.



Introducing. . .

Two new Mouse Monoclonal Antibodies

AB-T16	Anti-Histamine	50 microliters, \$150
AB-T17	Anti-L-DOPA	50 microliters, \$150

Visit the ATS website for a complete list of products.