

Targeting Tools: Featured Products

We are pleased to present two new targeted toxins, a new second immunotoxin, and six new antibodies.

With our expanded line of immunotoxins, controls, antibodies, and custom conjugates, ATS can meet all your targeting needs!

CCK-SAP

Cat. #IT-31

This new targeted toxin is a chemical conjugate of sulfonated cholecystokinin (CCK) and the ribosome-inactivating protein, saporin. CCK is widely distributed in the central nervous system and the gastrointestinal tract. CCK-SAP is an effective tool to study eating disorders and pain transmission. CCK-SAP eliminates cells recognizing sulfonated CCK. All other cells are left untouched.

NPY-SAP

Cat. #IT-28

NPY-SAP is a chemical conjugate of neuropeptide Y (NPY) and the ribosome-inactivating protein, saporin. NPY is the most abundant neuropeptide in the brain and is involved in many processes from prenatal to mature animals. It promotes the proliferation of postnatal neuronal precursor cells and exhibits a diverse range of important physiologic activities, including effects on psychomotor activity, food intake, regulation of central endocrine secretion, and potent vasoactive effects on the cardiovascular system. Targeting cells expressing the NPY receptor makes this toxin an effective tool for studying the nervous and cardiovascular systems.

CCK-SAP

IT-31-25	.....	.25 micrograms
IT-31-100	.....	.100 micrograms
IT-31-250	.....	.250 micrograms

Kits are available and include equal amounts of saporin and control conjugate

NPY-SAP

IT-28-25	.....	.25 micrograms
IT-28-100	.....	.100 micrograms
IT-28-250	.....	.250 micrograms

Kits are available and include equal amounts of saporin and control conjugate

New Antibodies

AB-15AP	Saporin, affinity purified goat polyclonal	.....	.50 µg
AB-N29	GABA Transporter-1 (GAT-1), rabbit polyclonal	.....	.100 µl
AB-N30	GABA Transporter-2 (GAT-2), rabbit polyclonal	.....	.100 µl
AB-N31	GABA Transporter-3 (GAT-3), rabbit polyclonal	.....	.100 µl
AB-N32	Metabotropic Glutamate Receptor 2 (mGluR2), rabbit polyclonal	.....	.100 µg
AB-N33AP	NK-1r, affinity purified rabbit polyclonal	.....	.50 µg

Anti-M-ZAP

Cat. #IT-30

Anti-M-ZAP is another product in the line of second immunotoxins. Second immunotoxins are conjugations of a secondary antibody to the ribosome-inactivating protein, saporin. The second immunotoxin uses the secondary antibody to "piggyback" onto YOUR primary antibody in order to evaluate the ability of the primary antibody to internalize. Anti-M-ZAP is a chemical conjugate of affinity-purified goat anti-mouse IgM and the ribosome-inactivating protein, saporin. Anti-M-ZAP uses your primary mouse monoclonal IgM antibody to target and eliminate cells. It's great for screening!



IT-30-25	.....	25 micrograms
IT-30-100	.....	100 micrograms
IT-30-250	.....	250 micrograms

Kits are available and include an equal amount of control conjugate



“Hmm. I don’t know what I think about that guy Hess.”

(Psst. It’s a clue from Gangsta!)

Visit the ATS website for a complete list of products.