Antibody to Red Fluorescent Protein (RFP)

Red fluorescent protein (RFP) is derived from Discosoma sea anemone. This antibody recognizes native and denatured forms of RFP. The antigen for this antibody is present in all of these fluorescent molecules: RFP, tag-RFP, turbo-RFP, DeRed, mCherry, and mOrange. The epitope for the antibody is part of the RFP N-terminal sequence.

RFP is similar to GFP and can be used as a reporter of expression and transcription marker. It is effective for ELISA, immunoblotting (dot blot and western blot), immunoprecipitation, and immunostaining.

Antibody to Red Fluorescent Protein (RFP)

Anti-RFP (Cat. #AB-332)
1:1000 (1 µg/mL) Ab dilution probed against HEK293 cells transfected with RFP-tagged protein vector.
Lane 1: untransfected control
Lane 2: transfected with Turbo-RFP
Lane 3: transfected with DeRed

NK3-SAP

Neurokinin B (NKB), a neuropeptide that is a selective agonist of the NK3 receptor, allows for the selective elimination of a subpopulation of neurons expressing kisspeptin, neurokinin B, and dynorphin (KNDy neurons) through their co-expression of the NK3 receptor. These neurons have been shown to reside within the arcuate nucleus of many mammalian species, and the correlating peptides are critical for reproductive function.

NK3-SAP (molecular weight 31.5 kDa) is a chemical conjugate of neurokinin B and the ribosome-inactivating protein, saporin, and has been used to examine the role of KNDy neurons in the estrogen regulation of LH secretion and body weight in female rats (see cover article, pages 1 and 6).

Chick-ZAP

Chick-ZAP is the most recent in our line of Secondary Conjugates. It is a chemical conjugate of affinity-purified rabbit anti-chicken IgY and the ribosome-inactivating protein, saporin. The conjugate will target and eliminate cells that recognize your primary antibody. This reagent can be utilized for screening chicken IgY antibodies for internalization and/or their suitability to make potent immunotoxins.

IT-62 Chick-ZAP
25 µg, 100 µg or 250 µg available individually or in a kit with Goat IgG-SAP (Cat. #IT-19)

NK3-SAP

IT-63 NK3-SAP
25 µg, 100 µg or 250 µg available individually or in a kit with Saporin (Cat. #PR-01) and Blank-SAP (Cat. #IT-21)

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