SignalPlus Antibody Enhancer

Cat. No. GTX49999

Applications	WB, Dot, ELISA

References (4)
Package
1 kit

PRODUCT

Summary

SignalPlus Antibody Enhancer for Western Blotting and ELISA enhances antigen-antibody reactions. SignalPlus Antibody Enhancer works well with chemiluminescence, colerimetric and fluorescence detection system. It can significantly enhance detection of weak immunoreactive and low abundance proteins in a variety of immunoassays such as Western blotting, dot blotting and ELISA. Simply dilute antibodies with SignalPlus Antibody Enhancer and process the rest of the procedures as usual. No additional steps are required. Signal enhancement is protein dependent and could vary from several folds to more than ten-fold.

Applications

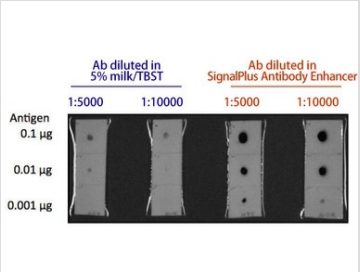
Application Note

Dilute primary antibody in Solution 1 and secondary antibody in Solution 2. We recommend using a 10-fold lower working concentration of primary antibody than is usually required for western blot. Optimal working dilutions should be determined experimentally by the end user.

Properties

Form	Liquid
Storage	Store at 4°C.
Note	For laboratory research use only. Not for any clinical, therapeutic, or diagnostic use in humans or animals. Not for animal or human consumption. Purchasers shall not, and agree not to enable third parties to, analyze, copy, reverse engineer or otherwise attempt to determine the structure or sequence of the product.

DATA IMAGES



GTX49999 Dot Image

Antibody diluted in SignalPlus Antibody Enhancer solution can detect more than 100-fold lower levels of antigen than antibody diluted in standard buffers

For full product information, images and publications, please visit our website.

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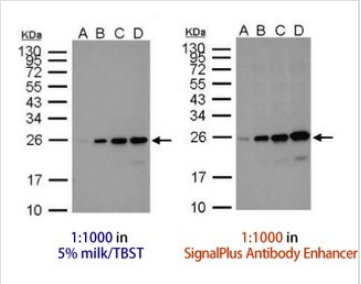
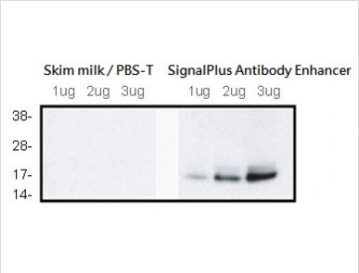


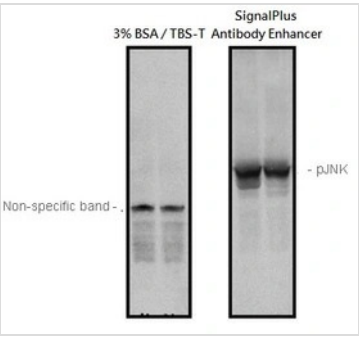
GTX49999 WB Image

Antibody diluted in SignalPlus Antibody Enhancer solution has superior signal to antibody diluted in standard buffers, even at a 10-fold lower concentration of antibody.



GTX49999 WB Image

Detection enhancement of Rac1 with treatment of Signal + in Western blot. Treatment with GTX49999 resulted in clear signal, whereas dilution with conventional PBS-T resulted in no signal. Primary Ab: Anti-Rac1 (1: 1,000) Secondary Ab: Anti-Mouse IgG-HRP (1: 2,500) Sample: Rat cortical primary neuron Detection: ECL



GTX49999 WB Image

Detection enhancement of pJNK with treatment of Signal + in Western blot. Treatment with GTX49999 resulted in clear signal enhancement and background suppression compared with the conventional method using TBS-T. Primary Ab: Anti-pJNK (1: 1,000) Secondary Ab: Anti-rabbit IgG - HRP (1: 5,000) Sample: Mouse Embryonic Fibroblast (MEF) Detection: SuperSignal West Pico

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