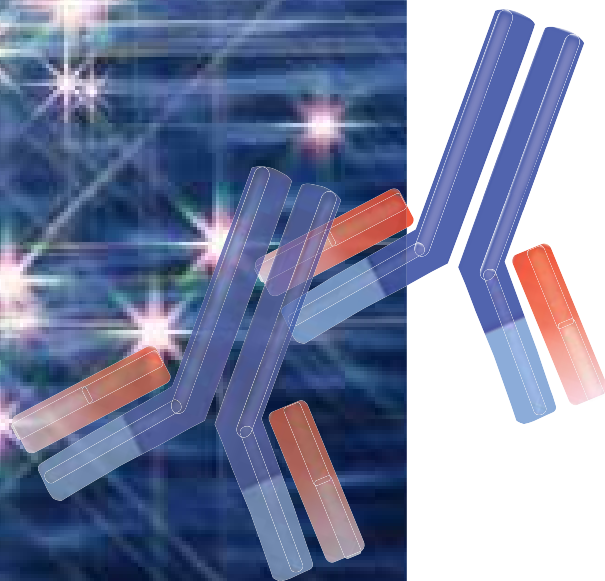




# *Signal Enhancer*

# **HIKARI**



# SIGNAL ENHANCER HIKARI

for Western blotting and ELISA

## INTRODUCTION

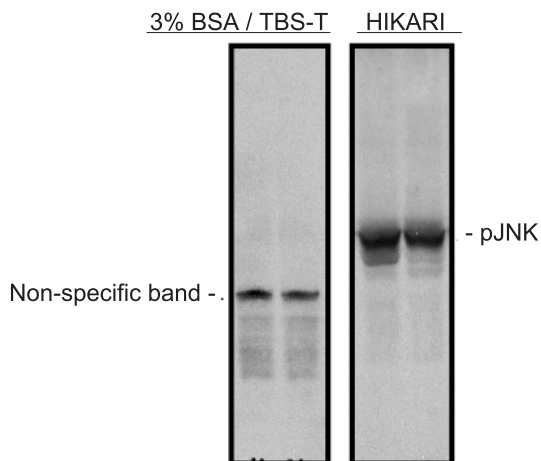
Dilute your antibodies with Signal Enhancer HIKARI instead of conventional diluents such as PBS or TBS before performing your next Western blot detection protocol and witness a remarkable increase in the ability to detect the protein of interest and to eliminate undesired background.

Signal Enhancer HIKARI was developed to resolve the problems of low sensitivity and high background often encountered during procedures such as Western blotting and ELISA.

- **Enhances antigen-antibody reactions** – yields several 10-fold increase in signal intensity
- **Removes background** – improves the specificity of your antibodies
- **Works with any substrate** – enhances both chemiluminescence and colorimetric detection
- **Works with any membrane** – enhances signal from nitrocellulose and PVDF membrane
- **Ready-to-use reagent** – Just dilutes your antibodies with Signal Enhancer HIKARI

## Detection of pJNK by Western Blotting

Primary Ab : Anti-pJNK (1:1,000)  
Secondary Ab : Anti-Rabbit IgG-HRP (1:5,000)  
Sample : Mouse Embryonic Fibroblast  
Reagent for detection : SuperSignal West Pico



Data courtesy of Dr. S. Matsuzawa,  
Signal Transduction, NCI Cancer Center, Burnham Institute  
for Medical Research

## Detection of Rac1 by Western Blotting

Primary Ab : Anti-Rac1 (1:1,000)  
Secondary Ab : Anti-Mouse IgG-HRP (1:2,500)  
Sample : Rat Cortical primary neuron  
Reagent for detection : ECL



Data courtesy of Dr. K. Ishizuka,  
Department of Psychiatry, Johns Hopkins University  
School of Medicine

## ORDERING INFORMATION

Product name	Storage	Product number	PKG Size
Signal Enhancer HIKARI for Western Blotting and ELISA Kit Contents : Solution A for Primary Antibody : Solution B for Secondary Antibody	4°C	02267-41 02270-81	1 SET(50ml each) 1 SET(250ml each)
Signal Enhancer HIKARI for Western Blotting and ELISA Solution A	4°C	02272-74	250 ml
Signal Enhancer HIKARI for Western Blotting and ELISA Solution B	4°C	02297-64	250 ml

## NACALAI TESQUE, INC.

Nijo Karasuma, Nakagyo-ku, Kyoto 604-0855, JAPAN  
TEL: +81-75-251-1730  
FAX: +81-75-251-1763  
Web site: <http://www.nacalai.com>  
E-mail: [info.intl@nacalai.co.jp](mailto:info.intl@nacalai.co.jp)