

# 3 to 10-fold Increase of Western Blot Signal

Western blotting (immunoblotting) is widely used to identify specific proteins recognized by polyclonal or monoclonal antibodies. To detect low level expressed proteins successfully, it is crucial to increase the sensitivity of detection. Vicgene's proprietary **Western Blotting Signal Enhancer** reagent (va-100) is designed to meet this requirement. Western Blotting Signal Enhancer strongly promote antigen and antibody interactions and offers ultra high signal-to-noise ratios, resulting in outstanding sensitivity and low backgrounds.

## Highlights:

### Enhances your western blot detection signal

Boost your western blot band intensity up to 10-fold.

### Promotes antibody-antigen interaction


Works through a novel mechanism by increasing antibody affinity.

### Easy to use

Ready to use reagent and no need to change your current protocol. Just replace your TBST or PBST antibody dilution buffer with Western Blot Signal Enhancer.

### Chooses different blocking reagents

You can use Vicgene's immunological grade Blocking Reagent (va-99) or others you preferred, or simply dilute your primary and secondary antibodies with Western Blot Signal Enhancer without any blocking reagents.

Blotto		Signal Enhancer	
A	B	A	B
			

4ug (Lane A) or 1ug (Lane B) of A431 whole cell lysis were immunoblotted with p53 monoclonal antibody (Pab1801) and HRP conjugated goat anti-mouse secondary antibody diluted with either 5% milk in TBST (**Blotto Blot**) or 5% Blocking Reagent va-99 in Western Blot Signal Enhancer va-100 (**Signal Enhancer Blot**). Blots were detected with Lumi-nol Reagent (va-98) and film exposure time was 1 minute.

### Related products:

Blocking Reagent va-98  
Luminol Reagent va-98

siRNA products  
siRNA cloning kit  
mRNA detection kit

Chemokine products