## CYANAGEN

## WESTAR substrates for WB

WESTAR substrates are Cyanagen's patented product line for Western Blotting, which offer several advantages over other detection reagents.

- A broad range of sensitivities
- Long light emission
- Immediate technical support

|  | Primary benefits | Detection level | Recommended Ab dilution |
| :---: | :---: | :---: | :---: |
| WESTAR ECL-Sun |  |  |  |
|  | Direct alternative to the Pierce ECL with more stable working solution ( 5 days at $4^{\circ} \mathrm{C}$ ) | ~ 20 picograms | $\left.\begin{array}{cl} & \mathbf{1}^{\circ} \\ & 1 / 100 \\ 1 / 5,000\end{array}\right]$ |
| WESTAR Nova 2011 |  |  |  |
| $1^{\circ} \mathrm{Ab} 1 / 2,000-2^{\circ} \mathrm{Ab} 1 / 30,000$ | Provides excellent performance for routine experiments | ~ 1 picogram | $$ |

WESTAR EtaC

$1^{\circ}$ Ab 1/4,000-2 ${ }^{\circ}$ Ab 1/40,000

High signal to noise ratio for mediumabundance proteins

| ~ 500 femtograms | $1^{\circ}$ | $1 / 1,000$ $1 / 15,000$ |
| :---: | :---: | :---: |
|  | $2^{\circ}$ | 1/25,000 |
|  |  | 1/150,000 |

WESTAR EtaC Ultra

$1^{\circ} \mathrm{Ab} 1 / 20,000-2^{\circ} \mathrm{Ab} 1 / 100,000$

Very sensitive with extended signal duration for long exposure

1/5,000
1/50,000
1/50,000
1/250,000

## WESTAR Supernova


$1^{\circ}$ Ab $1 / 30,000-2^{\circ}$ Ab 1/200,000

Most sensitive
substrate for high-end blotting
~ 50 femtograms

| $1 / 5,000$ |
| :---: |
| $1^{\circ} \quad 1 / 100,000$ |
| $2.1 / 100,000$ |
| 2 |

Detection of serial dilutions of human transferrin (from 5.0 ng to 0.5 ng ) performed using Cyanagen WESTAR chemiluminescent substrates. The blots were developed using anti-transferrin antibody and goat anti-rabbit HRP at the indicated dilutions.

## Your local distributor:

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