

Azure Chemi Blot Blocking Buffer

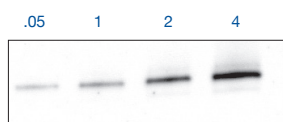
Enhance the specificity and sensitivity of your chemiluminescent Westerns

Azure Chemi Blot Blocking Buffer has been designed to specifically enhance your chemiluminescent Western blots.

Azure Chemi Blot Blocking Buffer can improve your chemiluminescent blots in several ways. The 1x formulation is ready to use with your existing reagents. By stabilizing and enhancing the formation of specific antibody-antigen complexes, sensitivity and signal intensity are improved, allowing you to conserve precious samples. Additionally, non-specific binding is reduced decreasing background noise, further enhancing sensitivity.



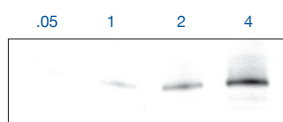
A) Azure Chemi Blot Blocking Buffer



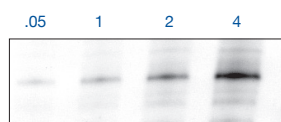
B) 5% Milk in PBS-Tween



C) 1% Casein in PBS-Tween



D) 5% BSA in PBS-Tween



Samples containing 0.5-4 μ g of cell lysate, were probed with antibodies targeting phospho-STAT-3. **A)** was blocked with Azure Chemi Blot Blocking Buffer, **B)** with the lab standard 5% milk in PBS-Tween, **C)** 1% casein in PBS-Tween and **D)** 5% BSA in PBS-Tween. A clear reduction in background with an increase in signal intensity (0.5 μ g band visible only with Azure Chemi Blot Blocking Buffer) can be observed in panel **A)** when using Azure Chemi Blot Blocking Buffer compared to all other panels.

Switching is easy

- Ready to use
- Works with existing reagents
- Conserves samples
- Enhances signal (sensitivity & intensity)
- Decreases background (non-specific binding)

Ordering Information

Part Number	Name	Size
75818-198	Azure Chemi Blot Blocking Buffer	500 mL

Azure Fluorescent Blot Blocking Buffer

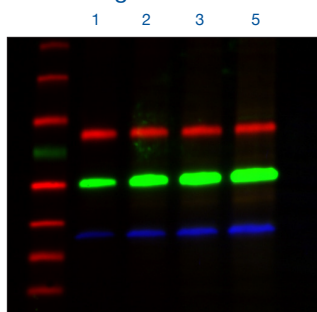
Enhance the specificity and sensitivity of your fluorescent Western Blots

Azure Fluorescent Blot Blocking Buffer is designed to enhance your fluorescent Western Blots.

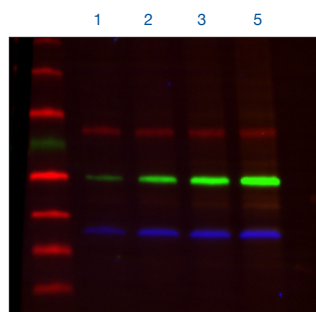
Specifically optimized to be ready for immediate use, and to work with your existing reagents, Azure Fluorescent Blot Blocking Buffer enhances your fluorescent Western Blots in two distinct ways. Firstly, by stabilizing and enhancing specific antibody-antigen complexes, sensitivity and fluorescent signal intensity are improved. Secondly, non-specific binding is reduced decreasing background fluorescence.



A) Azure Fluorescent Blot Blocking Buffer



B) 5% Milk in PBS-Tween



Samples containing 1-5 μ g of cell lysate, each spiked with 200 ng of human transferrin were probed with fluorescent antibodies targeting transferrin (red), tubulin (green) and GAPDH (blue). **A)** was blocked with Azure Fluorescent Blot Blocking Buffer and **B)** with the lab standard 5% milk in PBS-Tween. A clear reduction in background with an increase in antibody specificity leading to brighter bands for all samples can be observed in panel **A)** when using Azure Fluorescent Blot Blocking Buffer.

Switching is easy

- Ready to use
- Works with existing reagents
- Reduces variability
- Enhances signal (sensitivity & intensity)
- Decreases background (non-specific binding)

Ordering Information

Part Number	Name	Size
75794-864	Azure Fluorescent Blot Blocking Buffer	500 mL



Copyright © 2017 Azure Biosystems. All rights reserved. The Azure Biosystems logo and Azure Biosystems™ are trademarks of the Company. All other trademarks, service marks and trade names appearing in this brochure are the property of their respective owners.

**1.800.932.5000**
vwr.com



Prices and product details are current when published; subject to change without notice. | Certain products may be limited by federal, state, provincial, or local regulations. | VWR makes no claims or warranties concerning sustainable/green products. Any claims concerning sustainable/green products are the sole claims of the manufacturer and not those of VWR International, LLC. All prices are in US dollars unless otherwise noted. Offers valid in US, void where prohibited by law or company policy, while supplies last. | VWR, the VWR logo and variations on the foregoing are registered (®) or unregistered trademarks and service marks of VWR International, LLC and its related companies. All other marks referenced are registered by their respective owner(s). | Visit vwr.com to view our privacy policy, trademark owners and additional disclaimers. ©2017 VWR International, LLC. All rights reserved.

0417 2M Lit. No. 010003