

SuperSignal ECL Western Blotting Substrate

K1801



Product Type: Kit

Applications:

Description: The SuperSignal ECL Western Blotting Substrate is a highly sensitive nonradioactive, enhanced luminol-based chemiluminescent substrate for the detection of horseradish peroxidase (HRP) on immunoblots. The SuperSignal ECL Western Blotting Substrate enables the detection of picogram amounts of antigen and allows for easy detection of HRP using photographic or other imaging methods. Blots can be repeatedly exposed to X-ray film to obtain optimal results or stripped of the immunodetection reagents and re-probed.

Storage Buffer: 1*TBS (pH7.4), 1%BSA, 50%Glycerol. Preservative: 0.05% Sodium Azide.

Storage Instruction: Upon receipt, SuperSignal ECL Western Blotting Substrate can be stored in the dark at 4°C for up to 12 months.

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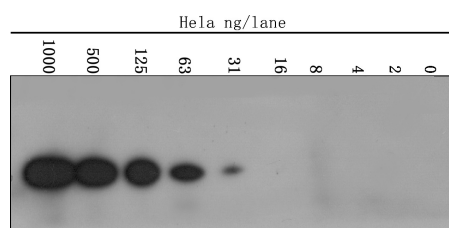


Fig1: Detection of beta-actin in HeLa Cell Lysates Visualized with SuperSignal ECL Western Blotting Substrate. A two-fold dilution series of HeLa whole cell lysate was prepared and loaded at 1000, 500, 125, 63, 31, 16, 8, 4, 2 and 0 ng per lane. Samples were transferred onto PVDF membrane and probed with 1 ug/mL of Mouse Anti- beta-actin Monoclonal Antibody (Huabio, Catalog # EM21002) followed by HRP-conjugated Goat anti-Mouse IgG Secondary Antibody (Huabio, Catalog # HA1006). SuperSignal ECL Western Blotting Substrate reagent was applied for 3 minute. Lanes are visualized on 1 minute exposure.

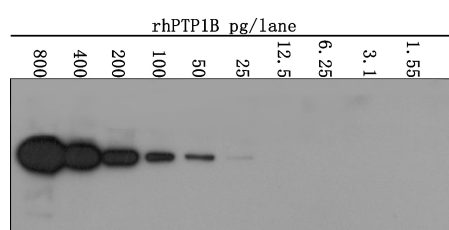


Fig2: Detection of Recombinant Human PTP1B Visualized with SuperSignal ECL Western Blotting Substrate. A two-fold dilution series of HeLa whole cell lysate was prepared and loaded at 800, 400, 200, 100, 50, 25, 12.5, 6.25, 3.1 and 1.55 pg per lane. Samples were transferred onto PVDF membrane and probed with 0.8 ug/mL of Mouse Anti- PTP1B Monoclonal Antibody (Huabio, Catalog # M1511-7) followed by HRP-conjugated Goat anti-Mouse IgG Secondary Antibody (Huabio, Catalog # HA1006). SuperSignal ECL Western Blotting Substrate reagent was applied for 3 minute. Lanes are visualized on 1 minute exposure.

Note: All products are “FOR RESEARCH USE ONLY AND ARE NOT INTENDED FOR DIAGNOSTIC OR THERAPEUTIC USE”.