

Claro™ ECL solution

> 제품 정보

Claro™ ECL solution은 3가지의 제품군으로 나뉘어져 low-picogram/ mid-femtogram/ low-femtogram 검출 레벨에 안정적인 광 출력을 갖는 ECL substrate입니다. 이 제품은 높은 signal에서 noise ratio에 대한 낮은 background를 제공합니다.

> 제품 특징

- High sensitivity
- Long signal duration
- Quantitative: linear dynamic range

> 보관온도

- Storage at room temperature 1 year

Comparison with Competitors (Western blotting detection of MAP kinase (ERK 1/2))



Figure 1.

Hela whole cell lysate (abcam®) was diluted to 250 µg/mL in electrophoresis reducing sample buffer and 1:1 serial dilutions were made. 5 µL of each dilution (1250 ng to 78 ng of total protein) were separated by SDS-PAGE and the proteins transferred to Amersham™ Protran® Premium 0,45 NC membrane (GEHC). The membrane was blocked with 5% non-fat dry milk in 1X TBS TWEEN®20 Buffer. Then the membrane was incubated with Rabbit Anti-MAP Kinase (ERK 1/2) antibody (SIGMA) at 1:1500 followed by incubation with Anti-Rabbit IgG HRP Linked F(ab')2 (GEHC) at 1:20000.



Figure 2.

Hela whole cell lysate (abcam®) was diluted to 250 µg/mL in electrophoresis reducing sample buffer and 1:1 serial dilutions were made. 5 µL of each dilution (1250 ng to 78 ng of total protein) were separated by SDS-PAGE and the proteins transferred to Amersham™ Protran® Premium 0,45 NC membrane (GEHC). The membrane was blocked with 5% non-fat dry milk in 1X TBS TWEEN®20 Buffer. Then the membrane was incubated with Rabbit Anti-MAP Kinase (ERK 1/2) antibody (SIGMA) at 1:2000 followed by incubation with Anti-Rabbit IgG HRP Linked F(ab')2 (GEHC) at 1:25000.



Figure 3.

Hela whole cell lysate (abcam®) was diluted to 250 µg/mL in electrophoresis reducing sample buffer and 1:1 serial dilutions were made. 5 µL of each dilution (1250 ng to 78 ng of total protein) were separated by SDS-PAGE and the proteins transferred to Amersham™ Protran® Premium 0,45 NC membrane (GEHC). The membrane was blocked with 5% non-fat dry milk in 1X TBS TWEEN®20 Buffer. Then the membrane was incubated with Rabbit Anti-MAP Kinase (ERK 1/2) antibody (SIGMA) at 1:5000 followed by incubation with Anti-Rabbit IgG HRP Linked F(ab')2 (GEHC) at 1:50000.

> Order Information

Product Name	Pack Size	Cat No.	Sensitivity	Antibody Dilution Range
Claro™ Sola ECL Solution	2 x 125mL Kit	HQS071, 0250	Low picogram	Primary: 1:500 - 1:5,000 Secondary: 1:20,000 - 1:100,000
Claro™ Mucho ECL Solution	2 x 125mL Kit	HQS070, 0250	Mid femtogram	Primary: 1:1,000 - 1:15,000 Secondary: 1:25,000 - 1:150,000
Claro™ Supremo ECL Solution	2 x 50mL Kit	HQS075, 0100	Mid femtogram to low femtogram	Primary: 1:5,000 - 1:50,000 Secondary: 1:50,000 - 1:250,000

(주) 바이오디

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