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Antibodies | ELISA kits | Proteins

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# PRODUCT-SPECIFIC PROTOCOLS

## WESTERN BLOT (CL488-66629)

| Sample type | Amount of protein loaded | Membrane | Transfer type | Blocking buffer | Primary antibody dilution | Incubation time | Detectionmethod |
|---|---|---|---|---|---|---|---|
| **HeLa cells** | **50ug** | **PVDF** | **Wet** | **5% milk in TBST** | **1:500** | **37°C 1 hour** | **Image System** |

# PROTOCOL

1. Prepare sample lysate, heat lysate in sample buffer at 100°C for 5min, and resolve proteins via SDS-PAGE. (Note: Prepare sample lysate without heating or heating at 37°C accroding to picture recommended for some membrane proteins.)
2. Transfer proteins from the gel onto the membrane.
3. Incubate membrane with Blocking buffer on a rocking platform.
4. Prepare the primary antibody in Blocking buffer.
5. Incubate membrane with primary antibody on a rocking platform.
6. Wash the membrane 3 times for 10 minutes each in 1X TBST
7. Expose the membrane in fluorescence image system, such as iBright. The exposure time can be optimized.

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