proteintech®
Antibodies | ELISA kits | Proteins

www.ptglab.com

PRODUCT-SPECIFIC PROTOCOLS

WESTERN BLOT (CL488-60004)

Sample type	Amount of protein loaded	Membrane	Transfer type	Blocking buffer	Primary antibody dilution	Incubation time	Detectionmethod
A549 cells	50ug	PVDF	Wet	5% milk in TBST	1:8000	37°C 1 hour	Image System
HeLa cells	50ug	PVDF	Wet	5% milk in TBST	1:10000	4°C over night	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.

Visit **ptglab.com** for full product range