

产品介绍

SpeedAb Western Blot Kits are ideal for fast western blot workflows, cutting down protocol time of your experiment to ~2h, while also minimizing hands-on time.

The Kit combines two Proteintech products:

FlexAble HRP enables single step detection by fast & easy labeling of your primary antibody with an HRP-conjugated FlexLinker. FlexAble labeling can be done in under 20 min, requires no additional material, works with any Rabbit IgG (Proteintech #SW001), Mouse IgG1 (#SW002), Mouse IgG2a (#SW003), or Mouse IgG2b (#SW004) antibody from any supplier, in almost every buffer system, at any concentration.

Learn more about FlexAble: <https://www.ptglab.com/products/flexible-antibody-labeling-kits/>

Blotting Accelerator reduces incubation times per antibody to ~15min without sacrificing result quality.

Learn more about Blotting Accelerator: <https://www.ptglab.com/products/-TM-WB--PR20039.htm>

When combined, these two components facilitate easy, and reliable 1 step detection using rabbit antibodies in 15 minutes.

Product Codes for specific Kits:

(FlexLinkers are species specific and will only work with the correct IgG subtype)

(SW001) Rabbit IgG

(SW002) Mouse IgG1

(SW003) Mouse IgG2a

(SW004) Mouse IgG2b

产品成分

Component	CatalogNo.	Size
FlexAble HRP Antibody Labeling Kit for Mouse IgG1	KFA025	10 rxns
Blotting Accelerator	PR20039	100 mL

20 rxns

包装规格

保存条件

FlexAble HRP Kits: Store for 1 year at -20°C or for 6 months at 4°C upon receipt. Avoid exposure to light.

Blotting Accelerator: Store at 2-8°C for a year.

使用方法

Sizing is based on a standardized antibody incubation volume of 5 mL Blotting Accelerator (single step detection) and a recommended dilution of 1:5000, with 0.5 ug of antibody used per Blot.

Example:

Recommended dilution of primary antibody: 1:5000

Volume of Accelerator per reaction: 5000 uL

Volume of antibody needed: 1 uL

Antibody concentration: 0.5 ug/uL

Amount of antibody to conjugate: 0.5 ug

Amount of FlexAble reactions needed: 1 rxn

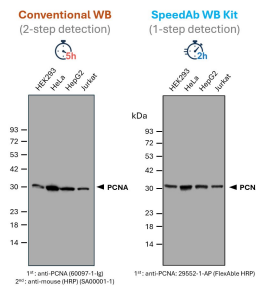
Scale volumes & amounts according to recommended dilution of your primary antibody.

We recommend using a minimum of 1 uL FlexLinker, even if the antibody to be labeled is less than 0.5 ug (e.g. in cases when recommended dilution for WB is very high).

If you need help calculating your exact volumes, use our FlexAble Calculator

Tool: <https://www.ptglab.com/FlexCalc>

Validation Data



SpeedAb WB Kit for detection of mouse IgG1. (red) Classical Western blot detection of PCNA in lysates from different human cell lines. A primary anti-PCNA antibody (mouse IgG1) was used in combination with a secondary anti-mouse antibody (HRP), after blocking and incubation with antibodies for 1 h, respectively. The total time of ~... h includes SDS-PAGE, blotting, blocking, primary and secondary antibody incubation, and washing steps of the membrane. (blue) Detection of PCNA in lysates from different human cell lines via SpeedAb WB Kit. The same primary anti-PCNA antibody was labeled with FlexAble HRP (anti-mouse IgG1) via a simple 10 min protocol, enabling a 1-step detection. The blotting accelerator speeds up binding of the antibody to the target protein, cutting the antibody incubation time to 15 min only and the total time including SDS-PAGE, blotting, antibody incubation and a final washing step to ~2 h.

For technical support and original validation data for this product please contact

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This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.