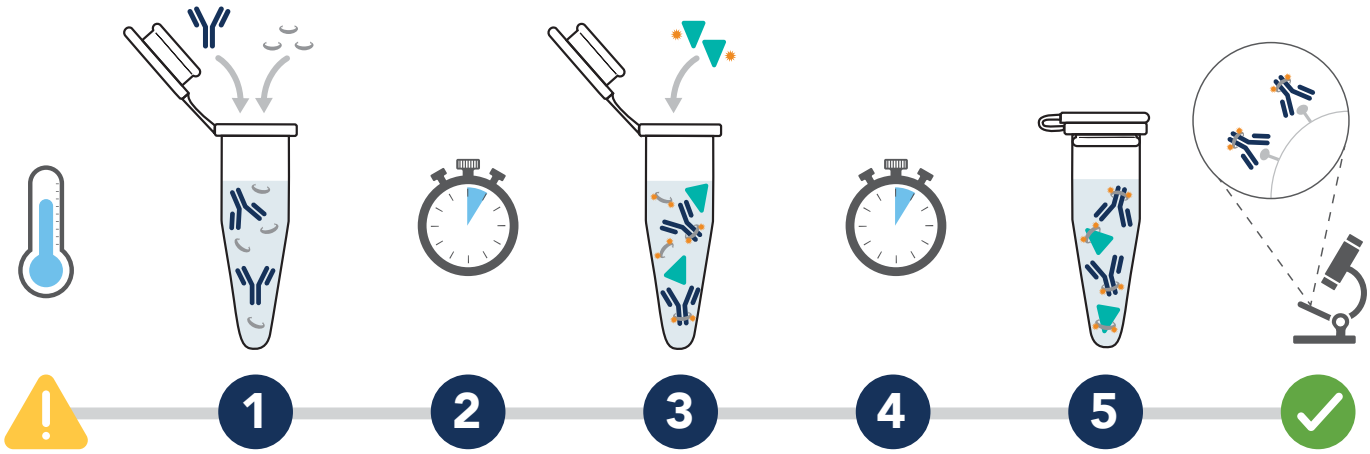
proteintech®

Protocol suitable for FlexAble and FlexAble 2.0 Kits

FlexAble Antibody Labeling Kit

Any antibody. Any color. Any time.

A novel antibody labeling kit that uses an affinity linker to conjugate fluorochromes, enzymes, and molecules in any buffer condition.



Standard Workflow

Labeling 0.5µg of primary antibody

Scale up proportionately to label larger quantities of primary antibody.

- Before you begin, equilibrate all reagents to room temperature.
- 1 Combine **0.5µg** of primary antibody with **1µL** of FlexLinker. Add FlexBuffer to bring total volume to **8µL**.
- 2 Mix gently and incubate for 5 minutes at room temperature in the dark.
- 3 Add 1 µg of Streptavidin dye and 2 µl of FlexQuencher.
- 4 Mix gently and incubate for 5 minutes at room temperature in the dark.
- 5 The antibody is now ready to be used.

Protocol for working with Biotin FlexAble Kits:

1. Fix, permeabilize and block cells according to your standard application protocol.
2. Block cells with Streptavidin blocking solution (not included with FlexAble or FlexAble 2.0 kits). Incubate for 15 minutes at room temperature and wash 3x with PBS.
3. Block cells with Biotin blocking solution (not included with FlexAble or FlexAble 2.0 kits). Incubate for 15 minutes at room temperature and wash 3x with PBS.
4. Incubate samples with prepared FlexAble labeled antibodies in your assay buffer for 1hr at room temperature. Then, wash 3x with PBS.
5. If desired, add DAPI.
6. For immunofluorescence of tissues or cells, add mounting media and a coverslip before imaging. For flow cytometry, your samples can be resuspended in assay buffer after step 4 and are ready to be used.

*Visit **www.ptglab.com/support/flexable-antibody-labeling-kits-protocol** for more details.*