

SiteClick™ Antibody Azido Modification Kit

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Rev. B.0

For detailed protocol, visit the product page at [thermofisher.com](https://www.thermofisher.com).

Storage

Store at 2–8°C. **Do not freeze.** When stored as directed, the product is stable for at least 6 months.

Overview

The SiteClick™ Antibody Azido Modification Kit allows you to attach an azide moiety to an unlabeled antibody. The azide-modified antibody can then be conjugated to Click-iT™ sDIBO Alkyne labels.

Materials needed, but not provided

- 100 µg–5 mg of antibody, ideally at a concentration of 2–20 mg/mL in a Tris-based buffer, free of carrier proteins and/or azide
- PBS or TBS
- Distilled water
- Click-iT™ sDIBO Alkyne for SiteClick™ Antibody Labeling

For Research Use Only. Not for use in diagnostic procedures.

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Workflow

For detailed protocol, visit the product page at thermofisher.com.

Day 1 (Hands-on time: ~1.5 hours)

1. *Optional:* Concentrate the antibody and exchange buffer.
(Time required: 1 hour)
2. Modify the carbohydrate domain of the antibody.
(Time required: 4 hours, hands-off)
3. Attach azide moiety to the carbohydrate-modified antibody.
(Time required: 5 minutes hands-on, then overnight incubation)

Day 2 (Hands-on time: ~1 hour)

4. Purify and concentrate azide-modified antibody.
(Time required: 1 hour)

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