



Product Specification Sheet

Product Name	oYo-Link® mIgG1 DBCO
Catalog #	AT3003-mIgG1
Lot #	Lot # provided when product shipped
Molecular Weight	10,000 g/mol
Concentration	337 µg/mL
Molar Concentration	33 µM
Storage Buffer	1 x PBS
Shipping Condition	This product is shipped as a dried clear or white pellet with cold packs.
Reconstitution	Before opening, briefly centrifuge each tube to ensure that the entire pellet is at the bottom. Add 100 µL sterile ddH₂O and vortex tube briefly until fully dissolved.
Storage and Stability	The dried product should be stored at -20°C upon receipt. Following reconstitution, DBCO loses its reactivity over time due to its oxidation and addition of water to the triple bond. The reconstituted product should be stored at 4°C for immediate use (< 1 week) and -20°C to -80°C for longer time-spans. Limit the freeze-thaw cycles to less than 5.
Conjugation Instructions	After reconstitution, each tube is capable of labeling 100 µg of only Mouse IgG1 antibody . Please find and follow the Antibody Conjugation User Manual and DBCO Click Chemistry Protocol at https://alphathera.com/user-manuals for instructions.
Notes	Disposal of product should be performed in compliance with all applicable federal, state, and local regulations. This product does not meet hazard classification criteria based on evaluations made by our company under the OSHA Hazard Communication Standard, 29 CFR 1910.1200.

For more information, please visit www.alphathera.com or contact support@alphathera.com