
Data Sheet

sdAb anti-GFP, unconjugated

Catalog No. N0301-250ug
 N0301-1mg

Identity Camelid sdAb anti-GFP; Clone 1H1
 N-terminal Cysteine

Data Mr: 16.0 kD
 Molar extinction coefficient (280nm): 24138/(M*cm)

Content 250 µg or 1 mg unconjugated sdAb in 10 mM KPi,
 300 mM NaCl, 2 mM EDTA, 5 mM TCEP pH 6.0

Reactivity > 90%

Storage Up to 6 month: -80 °C

Specificity Recognizes GFP, mEGFP, superfolder GFP and
 most common CFP and YFP variants.

 Does not cross-react with mCherry, mRFP, dsRed,
 mTagBFP or their most common derivatives.

For more information please visit our web page at www.nano-tag.com

To be used *in vitro* / for research only.
Non-toxic, non-hazardous, non-infectious.

Maleimide Labelling Protocol

- Remove TCEP and exchange buffer to 10 mM KPi, 300 mM NaCl, 2 mM EDTA, pH 6.0 by size exclusion chromatography
- Before labelling, add 1/10 vol 1M Tris/HCl pH 8.0
- On ice, add 1.5- to 5- fold molar excess of fluorophore as maleimide
- Quickly vortex
- Overlay with Argon
- Place on ice for 90 min
- Separate excess of dye from the labelled sdAb e.g. by size exclusion chromatography