
Data Sheet

sdAb anti-TagFP, unconjugated

Catalog No. N0501-250µg
 N0501-1mg

Identity Camelid sdAb anti-TagFP; Clone 1H7
 C-terminal Cysteine

Data Mr: 14.7 kD
 Molar extinction coefficient (280nm): 20128/(M*cm)

Content 250µg 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 3 month: -80 °C

Specificity Recognizes mTagBFP, mTagRFP, mKate and most proteins deriving from *Entacmaea quadricolor*.
 Does not cross-react with GFP- or dsRed 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, 0.5 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