
Data Sheet

sdAb anti-Mouse IgG1, unconjugated

Catalog No. N2002-250µg
 N2002-1mg

Identity	Camelid sdAb anti-Mouse IgG1, Clone 10A4 N- and C-terminal cysteines
Data	Mr: 15.9 kD Molar extinction coefficient (280nm): 24200/(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	Specifically recognizes Mouse IgG1 isotype. Does not cross-react with antibodies from species like: Rat, Guinea Pig, Rabbit, Chicken or Goat.

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