
Data Sheet

sdAb anti-Synaptotagmin 1 (SYT1), unconjugated

Catalog No. N2302-250µg
 N2302-1mg

Identity	Camelid sdAb anti-Synaptotagmin 1, Clone 7D5 Free N/C-terminal ectopic cysteines Expressed from pNT1525
Data	Mr: 15.1 kD Molar extinction coefficient (280nm): 24200/(M*cm)
Content	250 µg or 1 mg unconjugated sdAb in 10 mM KPi, 300 mM NaCl, 0.5 mM EDTA, 5 mM TCEP, pH 6.0
Reactivity	> 90%
Storage	Up to 6 months: -80 °C or below
Antigen	C-terminal domain from mouse SYT1
Specificity	Specifically recognizes the C-terminal domain of Synaptotagmin 1 from mouse and rat. Other species not tested.

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