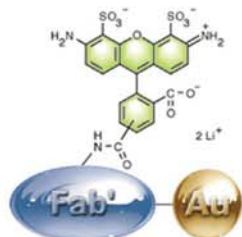


FluoroNanogold™

**Label ONCE to prep your sample
for Fluorescence / Super-Res
AND Light Microscopy -even EM!**

**2-in-1
Correlative
PROBE**

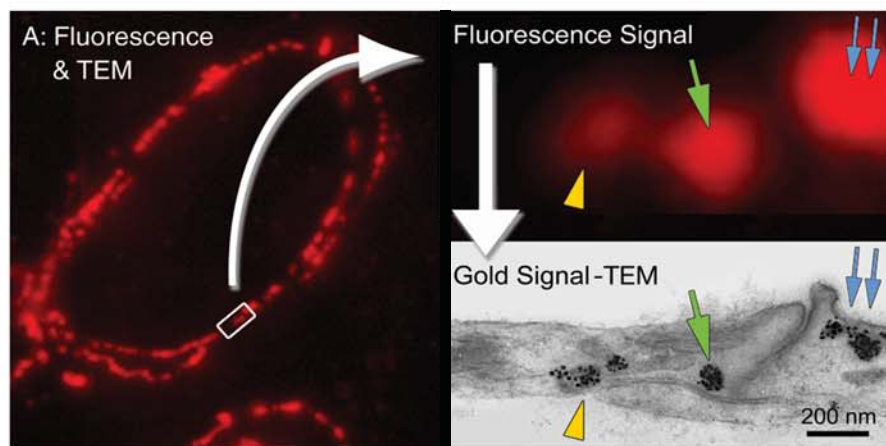


Easy-to-use **secondary antibody conjugate**

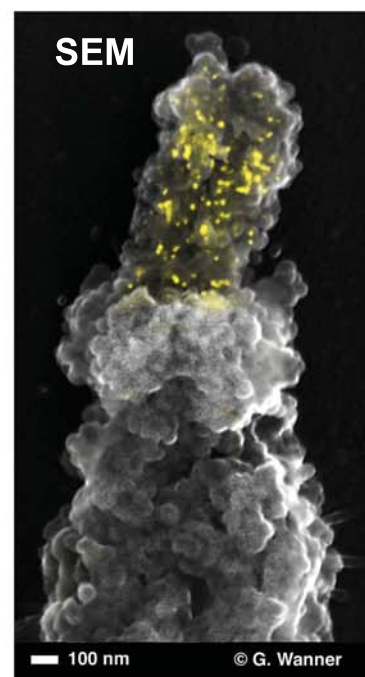
1. **Fluorescent label of your choice**
2. **PLUS 1.4 nm Nanogold® particle labels the same target with gold for light microscopy and EM!**

5 nm

Tiny multi-probe penetrates up to 40 microns into tissue!



Images courtesy of T. Takazawa and J. Robinson, Ohio State University, Columbus, Ohio.



Scanning electron micrograph of peg-like terminal constriction of *Oziroë biflora* (plant, Hyacinthaceae) chromosome, showing both chromosome topography (secondary electron signal) and hybridized enhanced gold signals (superimposed back-scattered electron signals, yellow) labeling of 45S rDNA in the nucleolus organizing region with Alexa Fluor 488 FluoroNanogold™ -Streptavidin (courtesy of Elizabeth Schroeder-Reiter and Gerhard Wanner).

Precision, CORRELATIVE LABELING with a single immunostaining procedure

- Ready-to-go for fluorescence... then choose another microscope for correlation!
GoldEnhance™ kits easily enlarge the Nanogold® label to any size needed.
- Put your fluorescent signal into context - switch to light microscopy or EM:
The gold label reveals your target among its surrounding structures
- **Go deeper:** Seeing good things in the light microscope? **Take it into the EM!**
Explore the same sample at the cellular *and* ultrastructural level.
- **An important tool for any lab that uses the electron microscope:**
Check your labeling by fluorescence, before that lengthy prep for EM!
If you see fluorescence, you'll also see Nanogold® in the EM.

Custom conjugates also available

Covalently bound to your choice of Alexa Fluor®* dyes or fluorescein

Tel: 631-205-9490 Fax: 631-205-9493

US toll free: 877-447-6266



Questions? Ask our scientists: tech@nanoprobes.com