

Resource Summary Report

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[nanoprobes.com](http://www.nanoprobes.com)

RRID:SCR_014323

Type: Tool

Proper Citation

nanoprobes.com (RRID:SCR_014323)

Resource Information

URL: <http://www.nanoprobes.com>

Proper Citation: nanoprobes.com (RRID:SCR_014323)

Description: A nanoparticle research collaborative which engineers nanoparticle products in order to find cures for cancer and other diseases. The gold labels produced are uncharged molecules which are cross-linked to specific sites on biomolecules. Labels can be attached to any molecule with a reactive group (proteins, peptides, oligonucleotides, small molecules and lipids) for detection and localization. New probes can be engineered based on any fragment of a naturally occurring biomolecule, and the label can be positioned away from the binding site so it does not interfere with binding.

Synonyms: Nanoprobes

Resource Type: material resource, reagent supplier

Keywords: chemical supplier, nanoparticle, gold label, biomolecule

Availability: Pay for product

Resource Name: nanoprobes.com

Resource ID: SCR_014323

Record Creation Time: 20220129T080320+0000

Record Last Update: 20260808T190319+0000

Ratings and Alerts

No rating or validation information has been found for nanoprobes.com.

No alerts have been found for nanoprobes.com.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 209 mentions in open access literature.

Listed below are recent publications. The full list is available at [RRID](#) .

Boutom SM, et al. (2026) Notch signaling activation reduces vesicular endocytosis in human pluripotent stem cell-derived CNS-like endothelial cells. *Fluids and barriers of the CNS*, 23(1), 22.

Nguyen JB, et al. (2026) Insights into the structural differences between homo- and heterodimers enriched from a cocktail of monoclonal antibodies against SARS-CoV-2. *Scientific reports*, 16(1), 7024.

Mesanan A, et al. (2026) Chlamydial membrane vesicles deliver the beta barrel outer membrane protein OmpA to mitochondria to inhibit apoptosis. *PLoS pathogens*, 22(2), e1013247.

Demeshkina NA, et al. (2026) Cytoplasmic circular dsDNA is a key constituent of stress granules. *bioRxiv : the preprint server for biology*.

Young LN, et al. (2026) ExoSloNano: multimodal nanogold labels for identification of macromolecules in live cells and cryo-electron tomograms. *Nature methods*, 23(1), 131.

Iavazzo M, et al. (2026) TFEB coordinates autophagosome biogenesis and ribophagy during starvation via SQSTM1. *Science advances*, 12(1), eaea9302.

Murabito A, et al. (2026) Targeting PI3K γ anchoring enhances CFTR membrane localization and modulator efficacy via PKD1. *JCI insight*, 11(6).

Nakayama J, et al. (2026) Enhancement of Cytoskeletal Tension Promotes Amyloid- β Aggregation on the Neuronal Cell Surface. *Molecules (Basel, Switzerland)*, 31(4).

Ochner H, et al. (2026) Subcellular chemical mapping using correlated cryogenic electron and mass spectrometry imaging. *Nature methods*, 23(6), 1174.

Schuyler SC, et al. (2026) Tiny Yeast Comet 1-Dependent Polymers Suppress Taxol-Stabilized Microtubule Depolymerization Induced by Ice-Cold CaCl₂. *International journal of molecular sciences*, 27(12).

Liao SC, et al. (2025) CHCHD2 mutant mice link mitochondrial deficits to PD pathophysiology. *Science advances*, 11(46), eadu0726.

Kim H, et al. (2025) Highly accurate image registration for 3D multiplexed cyclic imaging using dense labeling in expandable tissue gels. *PLoS biology*, 23(7), e3003240.

Kissling VM, et al. (2025) Systematic Comparison of Commercial Uranyl-Alternative Stains for Negative- and Positive-Staining Transmission Electron Microscopy of Organic Specimens. *Advanced healthcare materials*, 14(16), e2404870.

Cheetham-Wilkinson IJ, et al. (2025) RpH-ILV: Probe for lysosomal pH and acute LLOMe-induced membrane permeabilization in cell lines and *Drosophila*. *Science advances*, 11(1), eadr7325.

Nakayama M, et al. (2025) Novel tetravalent bispecific antibody, PSMA/TRAIL[?]R2 REGULGENT™, induces selective tumor cell apoptosis without hepatotoxicity. *Oncology reports*, 54(5).

Ma KM, et al. (2025) HIV broadly neutralizing antibody precursors to the Apex epitope induced in nonhuman primates. *Science immunology*, 10(110), eadt6660.

Dong H, et al. (2025) Vesicle-associated membrane protein 5 is an intrinsic defense factor for embryonic stem cells against coronaviruses. *Nature communications*, 16(1), 6241.

Li X, et al. (2025) In situ architecture of the intercellular organelle reservoir between epididymal epithelial cells by volume electron microscopy. *Nature communications*, 16(1), 1664.

Drainas AP, et al. (2025) High-throughput multiplexed serology via the mass-spectrometric analysis of isotopically barcoded beads. *Nature biomedical engineering*, 9(7), 1117.

Yang J, et al. (2025) SARS-CoV-2 NSP3/4 control formation of replication organelle and recruitment of RNA polymerase NSP12. *The Journal of cell biology*, 224(3).