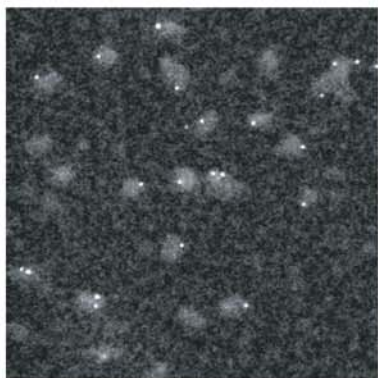


5nm Ni-NTA-Nanogold®

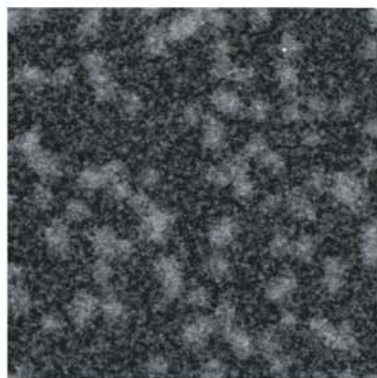
NEW!

His-tag labeling for EM Direct EM observation

--no silver or gold enhancement needed--



STEM image of 6x-His tagged adenovirus-12 knob protein trimer (60 kDa) labeled with Ni-NTA-Nanogold



CONTROL: Knob protein after cleaving His tag with thrombin and incubation with Ni-NTA-Nanogold, showing virtually no labeling.

- Specifically binds to His-tagged proteins
- 1.8 or 5 nm size for EM, LM, blots and gels
- **Go directly to EM with our new 5 nm size!**
- Ideal for cryoEM and protein subunit labeling
- Permanent stain does not fade
- Small probe, high resolution
- Easy silver/gold enhancement kits if needed

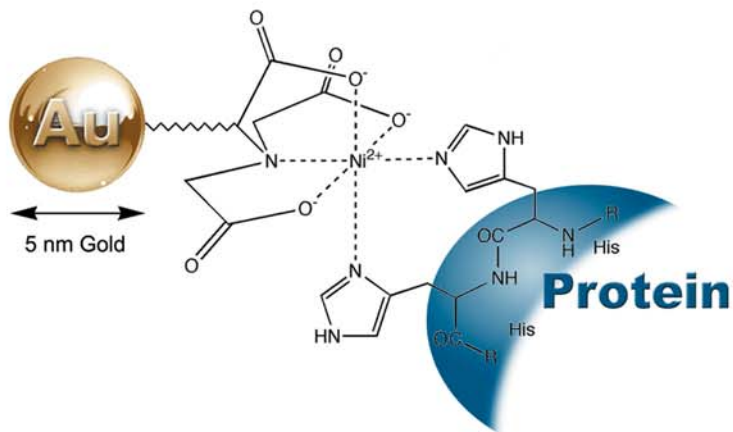
Ni-NTA-Nanogold® is designed for detection and localization of His-tagged proteins using electron microscopy, light microscopy, blotting and gels.

Ni-NTA-Nanogold® features a 1.8 or 5 nm NanoGold particle with multiple nickel (II)-nitrilotriacetic acid (NTA) functionalities incorporated into the ligands on the surface of gold particles.

Nickel-nitrilotriacetic acid functionalities bind to histidines from the tagged proteins, and form stable complexes with extremely low dissociation constants.

Using Ni-NTA-Nanogold®, His-tagged fusion proteins originating from any of a variety of expression vectors can be labeled under both non-denaturing and denaturing conditions.

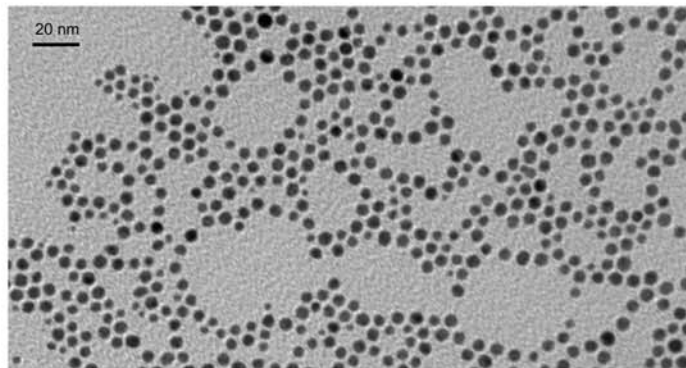
The labeled His-tagged proteins can be visualized in the electron or light microscope and on blots and gels with or without gold or silver enhancement reagents.



NEW

2082	5 nm Ni-NTA-Nanogold™	3 ml
2080	1.8 nm Ni-NTA-Nanogold™	3 ml
2090	GoldiBlot™ Western Blot Kit	15 blots
2112	GoldEnhance™ LM (GELM) Kit	60 ml
2113	GoldEnhance™ EM (GEEM) Kit	8ml
2012	Silver Enhance (HQS) Kit	45ml

See website for latest pricing



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