chromotek® GFP-Trap® in Plant Research

Green fluorescent protein (GFP) is one of the most powerful reporter proteins in all kinds of plants. It can be used to determine transformation efficiency, to analyze protein trafficking and localization, and to monitor virus movement and transgene movement.

ChromoTek GFP-Trap® is the benchmarking reagent for one-step immunoprecipitation of GFP-fusion proteins. The ready-to-use pull-down reagent consists of an anti-GFP Nanobody coupled to beads and can be applied in:

Immunoprecipitation Co-Immunoprecipitation	**Mass Spectrometry**	**ChIP/RIP Analysis**

Why using ChromoTek GFP-Trap®?

- 25 µL of GFP-Trap® slurry are sufficient for large cell extract volumes
- Low-expressed proteins are captured efficiently
- Harsh lysis buffer ingredients don't affect the IP
- Stringent washing conditions minimize background

Application Note:

IP of Arabidopsis thaliana plant samples with ChromoTek GFP-Trap®.

READ MORE

For more information, visit **ptglab.com**

chromotek® Nano-Traps for Superior Immunoprecipitation

Nano-Traps are ready-to-use beads for fast and efficient immunoprecipitation

- **No heavy & light antibody chains**
- **Low background**
- **High affinity**
- **Broad buffer compatibility**
- **Multiple Matrices**

Nano-Traps are ideal for immunoprecipitation of:

- **Low expressed proteins**
- **Proteins from large cell lysate volumes**
- **Large proteins and complexes**
- **Membrane proteins**

chromotek® Nano-Trap range includes reagents for various tags & fluorescent proteins suitable for plants:

Available for

- GFP and common derivates
- TurboGFP
- mNeonGreen
- DYKDDDDK-Tag
- RFP, mCherry
- Spot-Tag®
- V5-Tag
- Myc-Tag
- Halo
- SNAP/CLIP
- MBP
- GST

Available matrices

- Agarose
- Magnetic Agarose
- Magnetic Particles M-270
- Multiwell Plates
- iST Nano-Trap Kit for Mass Spectrometry

ORDER YOUR FREE SAMPLE HERE

For more information, visit **ptglab.com**