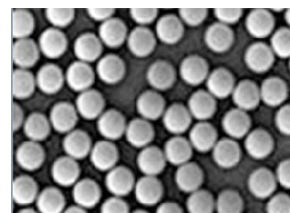
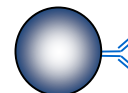


DESCRIPTION

The product is manufactured using a proven microbead and a purified anti-DYKDDDDK monoclonal antibody. This anti-DYKDDDDK magnetic bead product provides a faster and easier solution for immunoprecipitation experiments than Sepharose or Agarose and is optimal for standard IP, as well as co-IP and ChIP procedures

PRODUCT ADVANTAGES

- Superior signal-to-noise properties
- Highly reproducible results
- No columns, centrifugations, or time-consuming pre-treatment of samples
- Gentle, minimal physical stress on precious proteins
- Easy handling, simple and short protocol



BENEFITS

- Reduce protocol time to <30 minutes.
- Decrease or even eliminate background caused by non-specific binding - easy removal of all supernatant after incubation and washing, with minimum risk of sample loss.
- Minimize antibody usage and maximize target protein recovery - rapid binding kinetics and high capacity.
- Keep protein complexes intact - gentle magnetic separation and rapid binding kinetics avoid physical stress on precious proteins.
- Improve reproducibility with high performance microbeads.
- Increase confidence in results - optimized and reproducible buffer compositions.

SPECIFICATIONS

Specifications	Description
Bead type	Superparamagnetic, monosized and spherical polystyrene particle
Bead size	2.8 micrometer
Conjugate	Anti-DYKDDDDK monoclonal antibody
Specificity	N-term or C-term or internal binds to DYKDDDDK (FLAG) sequence. Antibody has similar binding property as M2 antibody (Sigma)
Binding capacity	Up to 40 pmol per mg beads
Bead concentration	10 mg beads per mL
Storage buffer	Magnetic bead conjugate storage buffer, does not contain glycerol
Shipping/Storage	The antibody magnetic microbeads are shipped with ice pack and can be stored at 4°C for up to 12 months; do not freeze without first adding 50% glycerol