

Datasheet for ABIN6809846

TrueBlot® Streptavidin Magnetic Beads[Go to Product page](#)

Overview

Quantity:	2 mL
Application:	Immunoprecipitation (IP), Western Blotting (WB)

Product Details

Purpose:	TrueBlot® Streptavidin magnetic beads can be used for immunoprecipitation (IP) of antigens (using biotinylated antibodies) from a wide variety of sources and to Co-immunoprecipitate interaction complexes using biotinylated antibodies.
Brand:	TrueBlot®
Characteristics:	TrueBlot® Magnetic Beads are uniform, non-aggregating, super-paramagnetic beads consisting of a ferric oxide core functionalized with various silane groups. The super-paramagnetic nanoparticles are coupled with a biomolecule, such as Streptavidin, and are specifically designed, tested and quality controlled for magnetic purification of biotin-labeled components using manual or automatic platforms. Streptavidin magnetic beads are stable, pre-blocked beads with high binding capacity that provide rapid and efficient biomolecule purification from complex samples. Bead mean diameter is ~0.5 µm, bead concentration is 5.0 mg/mL, and binding capacity is ≥ 60 µg biotinylated IgG/mg of beads.

Application Details

Application Notes:	Western Blot : User Optimized ImmunoPrecipitation: User Optimized Other Dilution: User Optimized
Comment:	TrueBlot® Streptavidin magnetic beads can be used for immunoprecipitation (IP) of antigens (using biotinylated antibodies) from a wide variety of sources and to Co-immunoprecipitate

Application Details

interaction complexes using biotinylated antibodies. Streptavidin magnetic beads can also be used for protein-protein interaction in pull-down assays using biotinylated "bait" proteins and for isolation of biotin-labeled DNA-protein complexes from cell or tissue extracts. These beads are also applied for capturing single-stranded-biotinylated DNA oligos and for isolation of biotinylated PCR products.

Restrictions: For Research Use only

Handling

Buffer:	0.1M Tris buffered saline, pH 8.20.05 % (w/v) Sodium Azide
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C
Storage Comment:	The Streptavidin Magnetic Beads should be stored in the refrigerator (2-8 °C). The reagent must be allowed to reach room temperature (20-25 °C) before use and may be used until the expiration date. Do not freeze, dry, or centrifuge the beads as they may result in loss of binding activity and aggregation.