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Datasheet for ABIN6809831

TrueBlot® Anti-Rabbit IgG Magnetic Beads

Overview

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

Product Details

Purpose:	TrueBlot® goat Anti-rabbit IgG magnetic beads can be used for separation and purification of rabbit antibodies from serum or rabbit antibody-labeled components, as well as for immunoassays, immunoprecipitation, and IP Western blots.
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 goat Anti-rabbit IgG, and are specifically designed, tested and quality controlled for isolation and purification of rabbit IgG, and immunoprecipitation methods using manual or automatic platforms. This antibody binds the heavy chain of all rabbit IgG subclasses and is suitable for immunoassays that utilize a rabbit IgG primary polyclonal antibody. Cell separation and sorting can be achieved using a rabbit IgG antibody to defined cell surface antigens. The beads have a large surface area with high capture efficiencies. The beads are in suspension and will settle upon storage. Prior to use, mix the vial gently (do not vortex) to ensure delivery of proper bead volume. Bead mean diameter is ~0.5 µm, bead concentration is 5 mg/mL.

Application Details

Application Notes:	Western Blot : User Optimized ImmunoPrecipitation: User Optimized
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Application Details

Other Dilution: User Optimized

Comment: TrueBlot® goat Anti-rabbit IgG magnetic beads can be used for separation and purification of rabbit antibodies from serum or rabbit antibody-labeled components, as well as for immunoassays, immunoprecipitation, and IP Western blots. For antibody purification, goat Anti-rabbit IgG magnetic beads are incubated with the rabbit antibody solution and then separated by magnets. After the unbound particulates are washed from the beads, the bound antibodies are eluted from the beads using the elution buffer. The beads are then magnetically separated from the eluted solution, which is removed manually. For IP, target specific antibody is incubated with goat Anti-rabbit IgG magnetic beads. The unbound antibody is washed and the sample containing target antigen is added. After unbound particulates are washed from the beads, the purified protein is eluted from the beads using elution buffer. The samples are then resolved by SDS-PAGE and analyzed by Western blotting.

Restrictions: For Research Use only

Handling

Buffer: 0.01 M Sodium Phosphate, 0.15 M Sodium Chloride, pH 7.2, 0.01% (w/v) Sodium Azide
Stabilizer: None

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: Store vial at 4 °C prior to opening. DO NOT FREEZE.