Store at 4°C

Protein G Agarose Beads

#37478

1 ml (50 immunoprecipitations)
200 µl (10 immunoprecipitations)

Support: +1-978-867-2388 (U.S.)
www.cellsignal.com/support

Orders: 877-616-2355 (U.S.)
orders@cellsignal.com

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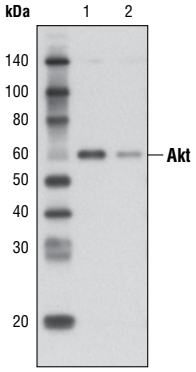
For Research Use Only. Not For Use In Diagnostic Procedures.

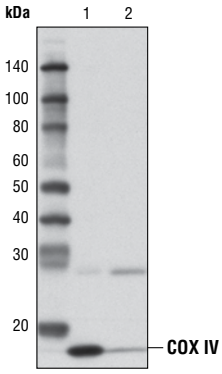
Description: Protein G Agarose Beads are an affinity matrix for the small-scale isolation of immunocomplexes from immunoprecipitations (IP assays). Protein G is covalently coupled to agarose beads. Protein G exhibits high affinity for subclasses of IgG from many species (including human, rabbit, mouse, rat, and sheep) and can be used for immunoprecipitation assays with these antibodies.

Directions for Use: Vortex tube briefly to resuspend the beads. Add 20-40 µl of bead slurry to each immunoprecipitation (IP) reaction. For bead washing and subsequent elution of immunocomplexes, the beads can be separated from solution by a brief 1 minute centrifugation in a microcentrifuge at 6,000 rpm. Resuspend the beads in solution by gently vortexing or rocking the tube. Please follow CST's recommended IP protocol to perform IP followed by western blot.

Product Specifications:
Bead Diameter: ~50-150 micron per bead
Binding Capacity: ~20 mg human IgG/ml



Immunoprecipitation (IP) of Akt from 3T3 cells using Akt (pan) (40D4) Mouse mAb #2920 and Protein G Agarose Beads. Western blot analysis was performed on the IP pellet (lane 1) and supernatant (lane 2) using Akt (pan) (C67E7) Rabbit mAb #4691.



Immunoprecipitation (IP) of COX IV from HeLa cells using COX IV (4D11-B3-E8) Mouse mAb #11967 and Protein G Agarose Beads. Western blot analysis was performed on the IP pellet (lane 1) and supernatant (lane 2) using COX IV (3E11) Rabbit mAb #4850.

Storage: Supplied as a 50% slurry in 20% ethanol solution. Store at 4°C. This product is stable for 12 months.

For product specific protocols and a complete listing of recommended companion products please see the product web page at www.cellsignal.com

Thank you for your recent purchase. If you would like to provide a review visit cellsignal.com/comments.

www.cellsignal.com

Applications: **W**—Western **IP**—Immunoprecipitation **IHC**—Immunohistochemistry **ChIP**—Chromatin Immunoprecipitation **IF**—Immunofluorescence **F**—Flow cytometry **E-P**—ELISA-Peptide **Species Cross-Reactivity:** **H**—human **M**—mouse **R**—rat **Hm**—hamster **Mk**—monkey **Mi**—mink **C**—chicken **Dm**—D. melanogaster **X**—Xenopus **Z**—zebrafish **B**—bovine **Dg**—dog **Pg**—pig **Sc**—S. cerevisiae **Ce**—C. elegans **Hr**—Horse **All**—all species expected Species enclosed in parentheses are predicted to react based on 100% homology.