abcam

Product datasheet

Protein G Sepharose® Column ab193260

1 References

Overview

Product name Protein G Sepharose® Column

Sample type Cell culture supernatant, Serum, Cell culture media, Ascites Fluid

Product overview Protein G Sepharose® Columns are prepared by covalently coupling recombinant Protein G to 6% cross-linked Sepharose® beads. Protein G is a genetically engineered protein containing three IgG-binding regions of native Protein G. The cell wall binding region, albumin binding region and other non-specific regions have been eliminated from the recombinant Protein G to ensure maximum specific IgG binding. The coupling technique is optimized to give a higher binding capacity for IgG and minimum leaching of recombinant Protein G. The IgG binding capacity of Protein G Sepharose® Column is >20 mg of human or rabbit IgG per mL of wet beads.

Protein G Sepharose® Columns display high chemical and physical stability as well as high flow rate, hydrophilicity and high gel strength. This product can be used for IgG purification and immunoprecipitation.

Notes This product is manufactured by BioVision, an Abcam company and was previously called 6518 Protein G Sepharose Column. 6518-1 is the same size as the 1 ml size of ab193260.

Tested applications **Suitable for:** IP, Purification

Properties

Storage instructions Store at +4°C. Please refer to protocols.

Components	1 ml	5 ml
Protein G Sepharose® Column	1 x 1ml	1 x 5ml

Applications

The Abpromise guarantee Our **Abpromise guarantee** covers the use of ab193260 in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
IP		Use at an assay dependent concentration. Isolation of antibody/antigen complexes in immunoprecipitation experiments, since only the Fc region is involved in antibody binding and the Fab region is available for binding antigen.
Purification		Use at an assay dependent concentration. Purification of monoclonal and polyclonal antibodies from culture media, serum, ascites fluid or hybridoma supernatants.

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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