abcam

Product datasheet

Protein L Sepharose® ab193261

Overview

Product name   Protein L Sepharose®

Product overview   **Contents:**

Supplied as a 50% slurry in 20% Ethanol, >5 mg Protein L/mL of Sepharose® beads.

Features:

Binding capacity of human IgG is greater than 10 mg/mL of gel; high flow rate; low falling off of rProtein L; pH stability 2-10.

These beads are for use in column purification. If used in batch purification, we recommend not exceeding 150 x g when centrifuging.

Store beads at 4°C.

The beads may be damaged above 40°C.

DO NOT FREEZE.

Wash beads 3 times with 3x bead volume of desired buffer before use.

Applications:

- Purification of monoclonal and polyclonal antibodies.

- Immunoprecipitation.

Sepharose is a registered trademark of GE Healthcare

Notes

This product is manufactured by BioVision, an Abcam company and was previously called 6531 Protein L Sepharose. 6531-25 is the same size as the 25 ml size of ab193261.

Protein L Sepharose® is prepared by covalently coupling recombinant Protein L (which contains five Ig light chain binding domains) to 6% cross-linked Sepharose® beads. The coupling technique is optimized to give high binding capacity. The capacity of IgG binding is generally greater than 10 mg of human IgG per mL of wet gel. Protein L binds to a wider range of antibody classes than Protein A or Protein G, including human, mouse and rat IgM, IgA, IgE, and IgD, as well as Fab and single chain variable fragments (scFv). Protein L binds only binds to antibodies that contain *K* light chains, which are found in most human and mouse antibodies.

Tested applications

Suitable for: Purification, IP

Properties

Storage instructions

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

Components	1 ml	5 ml	100 ml	25 ml
Protein L Sepharose®	1 x 1ml	1 x 5ml	1 x 100ml	1 x 25ml

Applications

The Abpromise guarantee

Our **Abpromise guarantee** covers the use of ab193261 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
Purification		Use at an assay dependent concentration. Purification of monoclonal and polyclonal antibodies.
IP		Use at an assay dependent concentration.

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

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