For Research Use Only

anti-Mouse IgG1 Magnetic VHH Agarose for Immunoprecipitation

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Catalog Number: mIG1ma

Basic Information

Catalog Number:
mIG1ma

Applications:
IP, Co-IP

Conjugate:
Magnetic Agarose beads; ~40 um (cross-linked 6% magnetic agarose beads)

Host:
Alpaca

Type:
Nanobody

Class:
Recombinant - Animal free production

Description

anti-Mouse IgG1 IP Beads is an affinity resin for IP of Mouse IgG1. It consists of rabbit specific VHHs (Nanobodies) coupled to Magnetic Agarose beads.

Binding capacity

/

Elution buffer

SDS Sample Buffer

Wash buffer compatibility

/

Affinity (K_D)

/

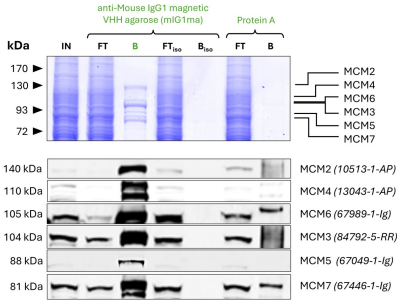
Storage

Storage:
+4°C / do not freeze!

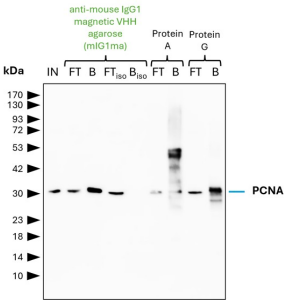
Storage Buffer:
20% Ethanol

For technical support and original validation data for this product please contact:
T: 4006900926
E: Proteintech-CN@ptglab.com
W: www.ptgcn.com

Selected Validation Data



Co-IP of MCM complex via pulldown of MCM6 using 5 µg of monoclonal anti-MCM6 IgG1 (Proteintech: 67989-1-Ig) and anti-mouse IgG1 magnetic VHH agarose (mIG1ma). 5 µg of each IgG was spiked into HEK293T cell lysate derived from 1x10^7 cells. All subunits of the 600 kDa hetero-hexameric complex are successfully precipitated, as shown in a Coomassie blue stained SDS-gel and by Western blot analysis using subunit specific antibodies. Apparent molecular weights are provided. For input (IN) and flowthrough (FT) fractions, 1% was loaded, respectively. For bound (B) fraction and bound fraction of isotype control antibody (BISO PTG: 66360-1-Ig), 25% was loaded. Product codes for Proteintech antibodies are provided in parentheses. Compared to Protein A magnetic agarose, mIG1ma shows a superior precipitation of the MCM complex.



IP of PCNA by anti-mouse IgG1 magnetic VHH agarose (mIG1ma) using the PCNA Monoclonal antibody (PTG: 60097-1-Ig). As control, a IgG1 isotype control antibody (Proteintech: 66360-1-Ig) was used (BISO). 5 µg of each IgG was spiked into HEK293T cell lysate derived from 0.5x10^7 cells. 1% of input (IN) and flow through (FT) and 25% of bound (B) fraction was loaded onto an SDS-PAGE gel. For Western blot analysis PCNA was detected using a polyclonal rabbit IgG (Proteintech: 10205-2-AP) (1:5000) and an HRP-labeled goat anti-rabbit secondary (Proteintech: RGAR001). Compared to Protein A and G magnetic beads, mIG1ma shows a superior precipitation and allows for a cleaner detection of PCNA.