For Research Use Only

mStayGold-Trap Magnetic Agarose, Kit for Immunoprecipitation

www.ptglab.com

Catalog Number: MG-3233MAK

Basic Information

Catalog Number:
MG-3233MAK

Applications:
IP, Co-IP

Host:
Alpaca

Type:
VHH

Class:
Recombinant - Animal free production

Description

The ChromoTek mStayGold-Trap Magnetic Agarose, Kit for Immunoprecipitation consists of an anti-mStayGold VHH, which is coupled to magnetic agarose beads. It also contains lysis, wash, and elution buffers that can be used for the immunoprecipitation of mStayGold or mBaoJin tagged proteins from cell extracts of various organisms.

Elution buffer

2x SDS-sample buffer (Lämmli), 200 mM glycine pH 2.5

Affinity

280 nM (mStayGold)
240 nM (mBaoJin)

Storage

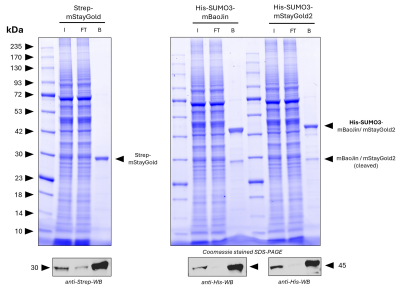
Storage:
+4°C / do not freeze!

Storage Buffer:
20% Ethanol

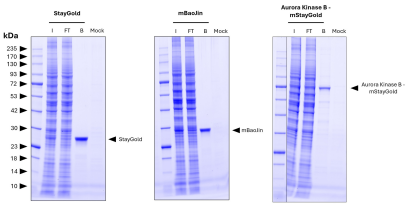
For technical support and original validation data for this product please contact

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or E: proteintech@ptglab.com
1(312) 455-8498 (outside USA) W: www.ptglab.com

Selected Validation Data



Pulldown of spiked Strep-mStayGold, His-SUMO3-mBaoJin, and His-SUMO3-mStayGold2 from HZ293S cell lysate by MG-3233MA.
5 µg of each antigen was spiked into lysate derived from 1.2*10^7 cells. For Coomassie and Western Blot analysis 1% of input (IN), 1% of flowthrough (F), and 20% of bound (B) fraction was loaded. His-SUMO3-mBaoJin and His-SUMO3-mStayGold2 were partially cleaved by intrinsic SUMO-proteases and cleaved mBaoJin or mStayGold2 is present in the bound fraction. Western Blots verify pulldown of Strep-mStayGold, His-SUMO3-mBaoJin and His-SUMO3-mStayGold2.



Pulldown of StayGold, mBaoJin, and the fusion protein Aurora kinase B-mStayGold from transfected HEK 293T cells lysate by MG-3233MA.
Each IP was performed with lysate derived from 1x10^7 cells. A mock control with lysate from untransfected cells was included to demonstrate the low background binding of the resin. For Coomassie analysis of the SDS-gel 1% of input (IN), 1% of flowthrough (F), and 10% of bound (B) and Mock fraction was loaded.