

Catalog Number: **MG-3233MA**

## Basic Information

**Catalog Number:**

MG-3233MA

**Applications:**

IP, Co-IP

**Host:**

Alpaca

**Type:**

VHH

**Class:**

Recombinant - Animal free production

## Description

The ChromoTek mStayGold-Trap Magnetic Agarose consists of an anti-mStayGold VHH (Nanobody), which is coupled to magnetic agarose beads. It 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

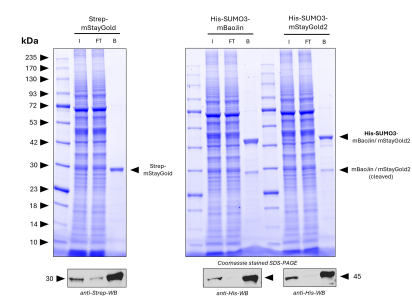
**Storage:**

upon arrival store at +4°C / do not freeze!

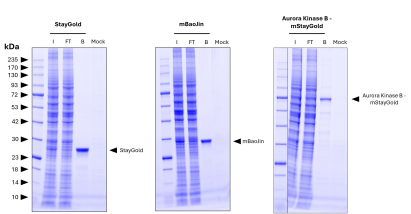
**Storage Buffer:**

20% Ethanol

Selected Validation Data



**<b>Pull-down of spiked Strep-mStayGold, His-SUMO3-mBaoJin, and His-SUMO3-mStayGold2 from HZ293S cell lysate by MG-3233MA.</b>**  
5 µg of each antigen was spiked into lysate derived from 1.2×10<sup>7</sup> 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 pull-down of Strep-mStayGold, His-SUMO3-mBaoJin and His-SUMO3-mStayGold2.



**<b>Pull-down of StayGold, mBaoJin, and the fusion protein Aurora kinase B-mStayGold from transfected HEK 293T cells lysate by MG-3233MA.</b>**  
Each IP was performed with lysate derived from 1×10<sup>7</sup> 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.