

Catalog Number: **MG-3233A**

Basic Information

Catalog Number:
MG-3233A

Applications:
IP, Co-IP

Host:
Alpaca

Type:
VHH

Class:
Recombinant - Animal free production

Description

The ChromoTek mStayGold-Trap Agarose consists of an anti-mStayGold VHH (Nanobody), which is coupled to 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

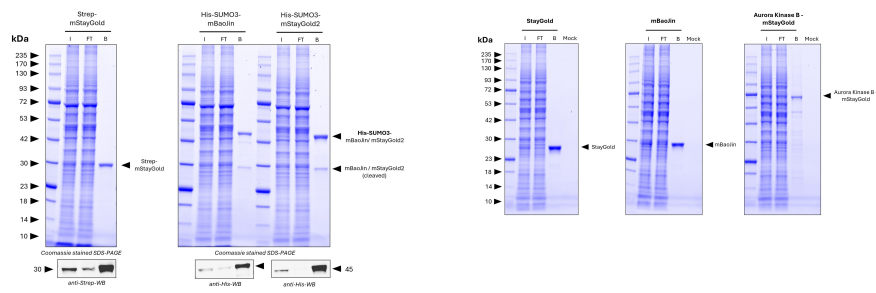
280 nM (mStayGold)
240 nM (mBaoJin)

Storage

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

Storage Buffer:
20% Ethanol

Selected Validation Data



Pull-down of spiked Strep-mStayGold, His-SUMO3-mStayGold2, and His-SUMO3-mBaoJin from HZ293S cell lysate by MG-3233A.

5 µg of each antigen was spiked into lysate derived from 1.2×10⁷ 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-mStayGold2 and His-SUMO3-mBaoJin were partially cleaved by intrinsic SUMO-proteases and cleaved mStayGold2 or mBaoJin is present in the bound fraction. Western Blots verify pull-down of Strep-mStayGold, His-SUMO3-mStayGold2 and His-SUMO3-mBaoJin.

Pull-down of StayGold, mBaoJin, and the fusion protein Aurora kinase B-mStayGold from transfected HEK 293T cells lysate by MG-3233A.

Each IP was performed with lysate derived from 1×10⁷ 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.