For Research Use Only

ISG15-Trap Agarose

www.ptglab.com

Catalog Number: MG-3001A

Basic Information

Catalog Number:
MG-3001A

Applications:
IP, Co-IP

Host:
Alpaca

Type:
VHH

Class:
Recombinant - Animal free production

Description

The ChromoTek ISG15-Trap Agarose consists of an anti-ISG15 VHH (Nanobody), which is coupled to agarose beads. It can be used for the immunoprecipitation of ISG15 tagged proteins from cell extracts of various organisms.

Specificity/Target

/

Elution buffer

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

Affinity

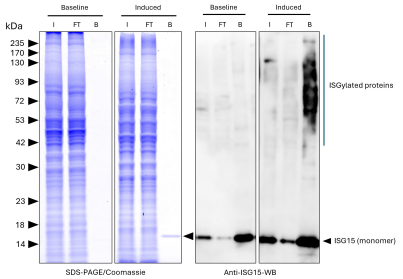
70 nM

Storage

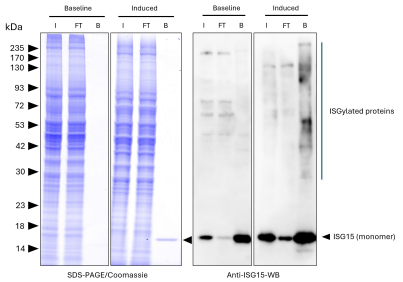
Storage:
Upon arrival store at +4°C / do not freeze!

Storage Buffer:
20% Ethanol

Selected Validation Data



ISG15-Trap agarose (MG-3001A) was used to immunoprecipitate endogenous ISG15 and ISGylated proteins from untreated human HEPG2 cells (baseline) and interferon-β treated HepG2 cells (induced). Lysis was achieved with RIPA Buffer. For each IP, samples of the input lysate (I), non-bound flow-through (FT), and bound (B) fractions were analyzed via Coomassie stained SDS-PAGE & Western blot. Anti-ISG15 polyclonal antibody (15981-1-AP) and Multi-rAb® HRP-Goat Anti-Rabbit Recombinant Secondary Antibody (H+L) (RGAR001) were used in the Western blot analysis. The Trap shows efficient IP of endogenous ISG15 and ISGylated proteins with low background.



ISG15-Trap agarose (MG-3001A) was used to immunoprecipitate endogenous ISG15 and ISGylated proteins from untreated human HEPG2 cells (baseline) and interferon-β treated HepG2 cells (induced). Lysis was achieved with standard Lysis buffer. For each IP, samples of the input lysate (I), non-bound flow-through (FT), and bound (B) fractions were analyzed via Coomassie stained SDS-PAGE & Western blot. Anti-ISG15 polyclonal antibody (15981-1-AP) and Multi-rAb® HRP-Goat Anti-Rabbit Recombinant Secondary Antibody (H+L) (RGAR001) were used in the Western blot analysis. The Trap shows efficient IP of endogenous ISG15 and ISGylated proteins with low background.