

Ubiquitin CoIP Agarose

Cat. No. Ubiquitin-01A **Lot. No.** (See product label)

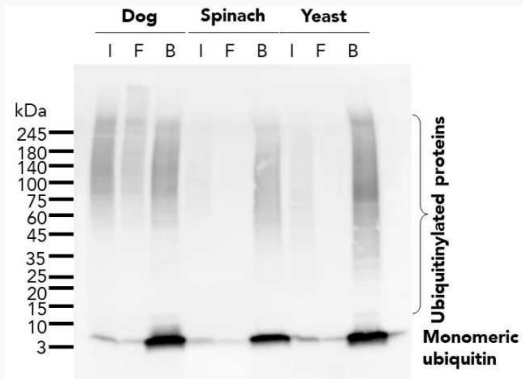
SPECIFICATION

Product Overview	Immunoprecipitation of ubiquitin and ubiquitinated proteins with anti-Ubiquitin Nanobody conjugated to agarose beads • Fast, reliable & efficient one-step immunoprecipitation • Ready-to-use • No heavy & light antibody chains • Stable under harsh washing conditions • Suitable for downstream mass spec analysis • Works in samples from: mammals, plants, yeast, etc.
Specificity/Target	Binds to monomeric ubiquitin, ubiquitin chains, and ubiquitinated proteins. Ubiquitin chains may be linked via lysines; linkages via lysines such as K11, K48 and K63 are compatible with binding by the Ubiquitin-Trap (further linkage types also likely to be compatible, but not tested).
Tested Reactivity	Human, Mouse, Hamster, Dog, Spinach, Yeast
Conjugate	Agarose beads; ~90 um (cross-linked 4% agarose beads)
Elution buffer	2xSDS-sample buffer (Lamml)
Wash buffer compatibility	2M NaCl, 5 mM DTT, 0 mM β-mercaptoethanol, 5 mM TCEP, 2% NP40, 2% Triton X-100, 0% SDS, 2-3 M Urea
Type	Nanobody

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

Affinity (KD)	The KD for monomeric ubiquitin is 90 nM. The apparent affinity is even higher for ubiquitin chains due to avidity effects.
Storage Buffer	20% ethanol
Applications	IP, CoIP
Storage	Shipped at ambient temperature. Upon receipt store at 4°C. Stable for one year. Do not freeze!
Monomeric ubiquitin	 The Western blot shows three sets of lanes for Dog, Spinach, and Yeast, each with lanes I, F, and B. A molecular weight marker is on the left (3 to 245 kDa). Ubiquitinated proteins are indicated on the right. Monomeric ubiquitin is indicated at the bottom.