Ubiquitin Magnetic CoIP Agarose

Cat. No. Ubiquitin-04A **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Immunoprecipitation of ubiquitin and ubiquitinylated proteins with anti-Ubiquitin Nanobody conjugated to magnetic agarose beads • Fast, reliable & efficient one-stepImmunoprecipitation • 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 ubiquitinylated 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	Magnetic agarose beads; ~40 um (cross-linked 6% magnetic agarose beads)
Elution buffer	2xSDS-sample buffer (Lammli)
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

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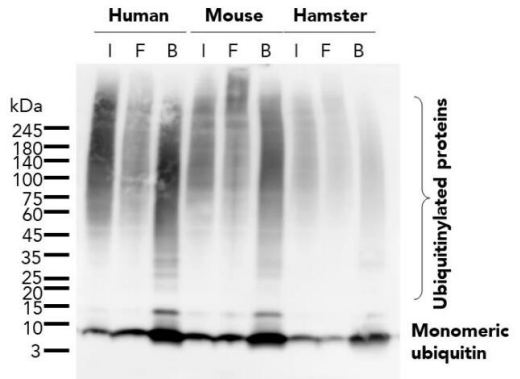
Affinity (KD)	The KD for monomeric ubiquitin is 90 nM. The apparent affinity is even higher for ubiquitin chains due to avidity effects.
Storage Buffer	20% ethanol
Applications	IP, CoIP
Monomeric ubiquitin	

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