
Data Sheet

Ubiquitin K48 Selector

Catalog No.	N1810
Resin μ L	1000
Slurry μ L	2000

Description

Ubiquitin K48 Selector is based on a high-affinity single-domain antibody (sdAb) that is covalently immobilized on 4% cross-linked agarose beads. The innovative, oriented and selective attachment via a flexible linker guarantees a high accessibility of the sdAbs and largely eliminates batch-to-batch variations. Due to the single-chain nature of sdAbs and their covalent attachment, no "leakage" of light and heavy chains from IgGs is observed during elution with SDS sample buffer. The Ubiquitin K48 Selector specifically recognizes the lysine 48 linkages in polyubiquitin and will only precipitate polyubiquitin chains when this particular linkage is present.

This product is a co-development with

HYBRIBODY
by Hybrigenics Services

**To be used *in vitro* / for research only,
not for diagnostic or therapeutic use!**

Non-toxic, non-hazardous, non-infectious.

Properties

Support 4 % cross-linked agarose, bead size 50-150 μm

Coating sdAb anti-Ubiquitin K48 (A4-1)

Reactivity Recognizes K48-linkages of polyubiquitin

Capacity Resin contains $\geq 150 \mu\text{M}$ functional sdAbs

Formulation 50 % slurry in PBS containing 20 % Ethanol

Shipment Shipped at ambient temperature

Storage Store at 4 °C, do not freeze

Stability Stable for 12 months

Buffer Tested with physiological buffers

Compatibility

For more information please visit our web page at www.nano-tag.com

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