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## Data Sheet

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### Ubiquitin K48 Selector

Catalog No.	N1810
Resin $\mu$ L	1000
Slurry $\mu$ L	2000

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### Description

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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.

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

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

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## Properties

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**Support** 4 % cross-linked agarose, bead size 50-150  $\mu\text{m}$

**Coating** sdAb anti-Ubiquitin K48 (A4-1)

**Reactivity** Recognizes K48-linkages of polyubiquitin

**Capacity** Resin contains  $\approx$  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**

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For more information please visit our web page at [www.nano-tag.com](http://www.nano-tag.com)

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