

RFP Magnetic CoIP Agarose

Cat. No. RFP-02A **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Immunoprecipitation of RFP-fusion proteins and their interacting factors with anti-RFP Nanobody conjugated to magnetic 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
Specificity/Target	mRFP, mCherry, mRFPruby, mPlum, tagRFP, mKate2, mOrange, PA-mCherry, mScarlet
Binding capacity	22.5 µg of recombinant RFP per 25 µL bead slurry
Conjugate	Magnetic agarose beads; bead size: ~40 µm (cross-linked 6 % magnetic agarose beads)
Elution buffer	SDS sample buffer 0.2 M glycine pH 2.5
Wash buffer compatibility	4 M urea, 2 M NaCl, 10 mM DTT, 2 % Nonidet P40 Substitute, 1 % Triton X-100
Type	Nanobody
Affinity (KD)	Dissociation constant KD of 5 nM

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Storage Buffer	20% ethanol
Applications	IP, CoIP, ChIP, RIP
Storage	Shipped at ambient temperature. Upon receipt store at 4°C. Stable for one year. Do not freeze!
Western Blot	