

[Go to Product page](#)

Datasheet for ABIN7529450

RFP-Catcher (agarose magnetic beads)

Overview

Quantity:	2000 µL
Target:	RFP
Reactivity:	Discosoma
Expression System:	E.coli
Application:	Protein Complex Immunoprecipitation (Co-IP), Immunoprecipitation (IP), Purification (Purif), Chromatin Immunoprecipitation (ChIP), RNA-Binding Protein Immunoprecipitation (RIP)

Product Details

Purpose:	RFP-Catcher is based on a high-affinity single-domain antibody (sdAb) that is covalently immobilized on 4% cross-linked magnetic agarose.
Specificity:	MRFP (red fluorescent protein) and other derivatives like mOrange, dsRed1, dsRED2, tdTomato, mCherry and mScarlet-i.
Cross-Reactivity (Details):	Does not cross-react with GFP or mTagBFP derivatives.
Characteristics:	<p>RFP-Catcher is based on a high-affinity single-domain antibody (sdAb) that is covalently immobilized on 4 % cross-linked magnetic 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.</p> <p>RFP-Catcher thus features high affinity and superior capacity for RFP fusion proteins while showing negligible non-specific background.</p> <p>RFP-Catcher immobilizes a wide range of RFP derivatives.</p>

Product Details

RFP-Catcher is compatible not only with physiological buffers but also with high stringency buffers.

RFP-Catcher thus provides great freedom to adjust the binding and washing conditions to the experimental needs.

Bead Ligand:	Antibody
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Bead Matrix:	Magnetic Agarose beads
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Bead Size:	90 µm
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Target Details

Target:	RFP
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Alternative Name:	RFP (RFP Products)
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Application Details

Application Notes:	Capacity: > 3 µg RFP per µl of packed beads
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Restrictions:	For Research Use only
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Handling

Buffer:	50 % slurry in PBS containing 20 % Ethanol
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Storage:	4 °C
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Storage Comment:	Store at 4 °C, Do not freeze!
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Expiry Date:	12 months
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