RFP-Trap for Immunoprecipitation
From cell to gel in less than one hour

- No heavy & light chains in your downstream application
- Robust performance with high yield
- Short incubation time of about 30 minutes

RFP-Trap®
ChromoTek RFP-Trap is a fully validated, well-established tool for fast and efficient one-step immunoprecipitation of RFP-fusion protein variants and their interacting factors from cell extracts or organelles. For research applications only.

Applications
- Immunoprecipitation (IP) / Co-IP
- Mass spectrometry
- Enzyme activity measurements
- ChIP / RIP analysis

Recognizes common RFP variants
- Including mCherry, mKate2, mPlum, mRFP, mRFPruby, tagRFP etc.
- Complete list at www.chromotek.com

Properties
- Highly affine with a low dissociation constant of 4nM
- Very high binding capacity of more than 8µg RFP per 10µl slurry; magnetic beads less
- Stable in harsh conditions up to 2M NaCl or 2M urea
- Versatile: coupled to agarose, magnetic agarose, and magnetic beads

Validated affinity reagent
- Structure and function are fully characterized
- Produced at constant high quality virtually without batch-to-batch variation
- Proven: used for experiments published in more than 50 scientific articles

Single band purification

Effective immunoprecipitations from protein extracts of human cells. Input (I), non-bound (FT) and bound fractions of mRFP, mCherry & mOrange were separated by SDS-PAGE followed by Coomassie staining.

info@chromotek.com  www.chromotek.com
**anti-RFP IgG Antibody 5F8 for IF**

The most frequently cited anti-RFP antibody

- First in class: more than 100 publications
- Validated rat monoclonal antibody subtype IgG2a

**anti-mRFP IgG antibody 5F8**

ChromoTek anti-RFP antibody 5F8 is a reliable tool for sensitive detection of RFP-fusion protein variants in immunofluorescence (IF). It is ranked #1 referenced anti-RFP antibody at www.citeAB.com. For research applications only.

**Specificity**

Tested on dsRed, mCherry, mPlum, mRFP, mRFPruby

**Applications**

Immunofluorescence, ELISA, Immunoprecipitation

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**anti-RFP IgG Antibody 6G6 for WB**

Exceptional detection of red fluorescent protein variants

- Very sensitive: down to 4ng RFP / band
- Validated mouse monoclonal antibody subtype IgG2c

**anti-RFP IgG antibody 6G6**

ChromoTek anti-RFP antibody 6G6 is an exceptional tool for sensitive detection of RFP-fusion protein derivatives in Western blots (WB). For research applications only.

**Specificity**

Tested on dsRed, mCherry, mOrange, mPlum, mRFP, mRFPruby

**Applications**

Western blot

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**Order information**

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**anti-RF antibodies:**

anti-RFP V,H/RFP binding protein

- Camelid; purified V,H protein for IF, ELISA, and IF. Used in RFP-Trap: 250µg rt-250

anti-RFP antibody [5F8]

- Rat monoclonal IgG2a for Immunofluorescence: 20µl 5F8-20

- Mouse monoclonal IgG2c for Western Blotting: 20µl 6G6-20

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