

Red Fluorescence Protein (RFP) Polyclonal Antibody

CATALOG #:	3993-100
AMOUNT:	100 µg
LOT #:	_____
HOST:	Rabbit
IMMUNOGEN:	Recombinant RFP expressed from E. coli (Internal ID# BV-806)
SPECIES:	All

FORMULATION:

100 µg (0.5 mg/ml) affinity purified rabbit anti-RFP polyclonal antibody in phosphate buffered saline (PBS), pH 7.2, containing 30% glycerol, 0.5% BSA and 0.01% thimerosal.

STORAGE CONDITIONS:

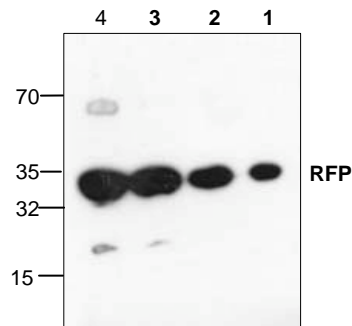
Store at -20°C. For long-term storage, aliquot and freeze at -70°C. Avoid repeated freeze/thaw cycles.

DESCRIPTION:

Since the molecular cloning of GFP cDNA and demonstration of GFP as a functional transgene, GFP has become a powerful tool with exciting applications in developmental, cell and molecular biology. RFP is the recent discovered protein that has the similar function and applications as GFP. Either GFP or RFP fluorescence is not species specific and can be expressed in bacteria, yeast, plant and mammalian cells. GFP or RFP can fuse with proteins of interest without interfering significantly with their assembly and function.

APPLICATION AND USAGE:

The antibody can be used for Western blotting (0.5-4 µg/ml). Based on researchers' feedback, it can also be used in immunoprecipitation (10-20 µg/ml) and immunofluorescence. However, the optimal conditions should be determined individually. Recombinant RFP (Cat.# 4997-100) is also available separately.



Cat. #: 3993-100
 Western blot analysis with recombinant RFP.
Lane 1: 10 ng
Lane 2: 50 ng
Lane 3: 250 ng
Lane 4: 1 µg

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