

**RFP (dsRed) Antibody**  
**Rabbit Polyclonal Antibody**  
**Catalog # ABV10761****Specification**

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**RFP (dsRed) Antibody - Product Information**

Application	WB
Primary Accession	<a href="#">P00273</a>
Reactivity	All Species
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Calculated MW	3936

**RFP (dsRed) Antibody - Additional Information**

Application & Usage	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.
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**Other Names**  
Red Fluorescent Protein

**Target/Specificity**  
RFP (dsRed)

**Antibody Form**  
Liquid

**Appearance**  
Colorless liquid

**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.

**Handling**  
The antibody solution should be gently mixed before use.

**Reconstitution & Storage**  
-20 °C

**Background Descriptions**

**Precautions**  
RFP (dsRed) Antibody is for research use only and not for use in diagnostic or therapeutic procedures.

## **RFP (dsRed) Antibody - Protein Information**

**Name** dsr

**Function**

Nonheme iron protein possibly involved in electron transport.

## **RFP (dsRed) Antibody - Protocols**

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

## **RFP (dsRed) Antibody - Images**

## **RFP (dsRed) Antibody - Background**

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.