

## Anti-RFP Polyclonal Antibody 2

## Product Details

Ig Type:	IgG
Reactivity:	RFP Tag,Species independent
Molecular Weight:	Actual: 30,44 kDa.
Purification:	Protein A purified

## Applications

1. Measured by its binding ability in a indirect ELISA. Immobilized Human RFP protein, His Tag at 2 µg/mL (100 µL/well) can bind Rabbit Anti-Human RFP Antibody, the EC50 is 161.8 ng/mL.
2. Measured by its binding ability in a indirect ELISA. Immobilized Human RFP protein, His Tag at 2 µg/mL (100 µL/well) can bind Rabbit Anti-Human RFP Antibody, the EC50 is 147.7 ng/mL.
3. Sample:

Verified Activity:	Lane 1: Recombinant RFP protein, His Lane 2: Tags Positive Control Whole Cell Lysate, C-His Primary: Anti-RFP (TMAB-12215) at 1/1000 dilution Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: kDa Observed band size: 30, 44 kDa
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Application:	WB,ELISA,IHC-P,IHC-F,IF,ICC/IF,FCM,IP
Recommended	WB=1:500-2000,ELISA=1:5000-10000,IHC-P=1:200-1000,IHC-F=1:200-1000,IF=1:200-1000,ICC/IF=1:100-500,FCM=1ug/Test,IP=1:50-200

## Properties

Stability & Storage:	Store at 2°C-8°C for 1 month. Store at -20°C or -80°C for 12 months. Avoid repeated freeze-thaw cycles.
Shipping:	Shipping with blue ice.

## Antigen Details

Immunogen:	Recombinant Protein: Red fluorescent protein
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## Research Background

Fluorescent proteins have become a useful and ubiquitous tool for making chimeric proteins, where they function as a fluorescent protein tag. Typically they tolerate N- and C-terminal fusion to a broad variety of proteins. They have been expressed in most known cell types and are used as a noninvasive fluorescent marker in living cells and organisms. They enable a wide range of applications where they have functioned as a cell lineage tracer, reporter of gene expression, or as a measure of protein-protein interactions. Red Fluorescent Protein (RFP) is a versatile biological marker for monitoring physiological processes, visualizing protein localization, and detecting transgenic expression in vivo. RFP can be excited by the 488 nm or 532 nm laser line and is optimally detected at 588 nm.

**Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins**

This product is for Research Use Only. Not for Human or Veterinary or Therapeutic Use

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