

YFP Polyclonal Antibody

CATALOG NO:	3991-30T	30 µg (Trial size)
	3991-100	100 µg
HOST:	Rabbit	
IMMUNOGEN:	Recombinant YFP expressed from E. coli (Internal ID# BV-B8)	
SPECIES REACTIVITY:	All	

FORMULATION:

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

STORAGE CONDITIONS:

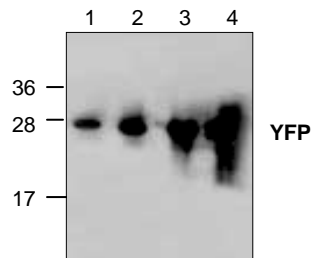
Store at -20°C. For long term storage, aliquot and freeze at -80°C. Avoid freeze/thaw cycles.

BACKGROUND 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. YFP is the recent discovered protein that has the similar function and applications as GFP. Either GFP or YFP fluorescence is not species specific and can be expressed in bacteria, yeast, plant and mammalian cells. GFP or YFP 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 YFP (Cat.# 4998-100) is available separately. The antibody does not cross-react with Cyan Fluorescent Protein (CFP, Cat.# 4996-100). Cross-reactivity to other fluorescent proteins has not been determined.



Cat. #: 3991-100
 Western blot analysis with recombinant YFP.
Lane 1: 10 ng
Lane 2: 50 ng
Lane 3: 250 ng
Lane 4: 1 µg

FOR RESEARCH USE ONLY! Not to be used on humans.

RELATED PRODUCTS:

Apoptosis Detection Kits & Reagents

- Annexin V Kits & Bulk Reagents
- Caspase Assay Kits & Reagents
- Mitochondrial Apoptosis Kits & Reagents
- Nuclear Apoptosis Kits & Reagents
- Apoptosis Inducers and Set
- Apoptosis siRNA Vectors

Cell Fractionation System

- Mitochondria/Cytosol Fractionation Kit
- Nuclear/Cytosol Fractionation Kit
- Membrane Protein Extraction Kit
- Cytosol/Particulate Rapid Separation Kit
- Mammalian Cell Extraction Kit
- FractionPREP Fractionation System

Cell Proliferation & Senescence

- Quick Cell Proliferation Assay Kit
- Senescence Detection Kit
- High Throughput Apoptosis/Cell Viability Assay Kits
- LDH-Cytotoxicity Assay Kit
- Bioluminescence Cytotoxicity Assay Kit
- Live/Dead Cell Staining Kit

Cell Damage & Repair

- HDAC Fluorometric & Colorimetric Assays & Drug Discovery Kits
- HAT Colorimetric Assay Kit & Reagents
- DNA Damage Quantification Kit
- Glutathione & Nitric Oxide Fluorometric & Colorimetric Assay Kits

Signal Transduction

- cAMP & cGMP Assay Kits
- Akt & JNK Activity Assay Kits
- Beta-Secretase Activity Assay Kit

Adipocyte & Lipid Transfer

- Recombinant Adiponectin, Survivin, & Leptin
- CETP Activity Assay & Drug Discovery Kits
- PLTP Activity Assay & Drug Discovery Kits
- Total Cholesterol Quantification Kit

Molecular Biology & Reporter Assays

- siRNA Vectors
- Cloning Insert Quick Screening Kit
- Mitochondrial & Genomic DNA Isolation Kits
- 5 Minutes DNA Ligation Kit
- 20 Minutes Gel Staining/Destaining Kit
- β-Galactosidase Staining Kit & Luciferase Reporter Assay Kit

Growth Factors and Cytokines

Monoclonal and Polyclonal Antibodies