

YFP Polyclonal Antibody

CATALOG #:	3991-100
AMOUNT:	100 µg
LOT #:	_____
HOST:	Rabbit
IMMUNOGEN:	Recombinant YFP expressed from E. coli (Internal ID# BV-B8)
SPECIES REACTIVITY:	All

FORMULATION:

100 µg (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.

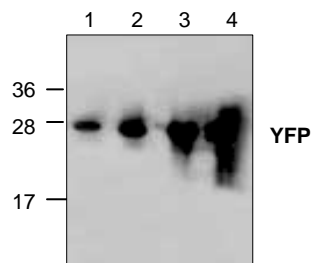
BACKGROUND DESCRIPTION:

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 also available separately.

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



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

RELATED PRODUCTS:

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

Cell Fractionation System

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

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- Senescence Detection Kit
- High Throughput Apoptosis/Cell Viability Assay Kits
- LDH-Cytotoxicity Assay Kit
- Bioluminescence Cytotoxicity Assay Kit
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- HAT Colorimetric Assay Kit & Reagents
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- Akt & JNK Activity Assay Kits
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