

GFP-HRP

Cat. QYA03914AHRP

Background

Epitope tags are useful for the labeling and detection of proteins using immunoblotting, immunoprecipitation, and immunostaining techniques. Because of their small size, they are unlikely to affect the tagged protein's biochemical properties. The green-fluorescent protein (GFP) functions as a bioluminescence energy transfer acceptor in the jellyfish *Aequorea* that maximally absorbs light at 395 nm and has an emission spectrum that peaks at 509 nm. GFP has become a very useful tool as a fusion protein that reports gene expression, traces cell lineages and defines subcellular protein localizations.

Source

The antibody was affinity-purified by affinity-chromatography using specific immunogen.

Product

Each vial contains 50ug mouse IgG diluted in 100ul of PBS pH7.4, containing 1mg/ml BSA, 0.01% thiomersal and 50% glycerol. The antibody concentration is 0.5mg/ml.

Specificity

The antibody detects GFP, EGFP, RFP, YFP, CFP and GFP-tag fusion proteins.

Applications and Suggested Working Concentration

WB: 1:5000-1:10000

Storage

Storage at -20°C. Do not aliquot the antibody. Stable for one year from the date of shipment.

Research Use

For research use only, not for use in diagnostic procedures.

GFP-HRP

Catalog No.	QYA03914AHRP
Size.	100ul
Source.	mouse
Immunogen.	Synthesized peptide
Purification.	The antibody was affinity-purified from mouse antiserum by affinity-chromatography using specific immunogen.
Specificity.	The antibody detects GFP, EGFP, RFP, YFP, CFP and GFP-tag fusion protein.
Formulation.	PBS, pH 7.4, containing 0.01% thiomersal and 50% Glycerol.
Concentration.	0.5 mg/ml
Storage / Stability.	-20°C/1 year
Reactivity.	N/A
Applications.	WB
Dilution.	WB:1:5000-1:10000