

GFP-Tag Mouse mAb

Cat. QYA03914C

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 100ug mouse IgG diluted in 100ul of PBS pH7.4 containing 0.02% sodium azide and 50% glycerol. The antibody concentration is 1mg/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

IP: 1:200

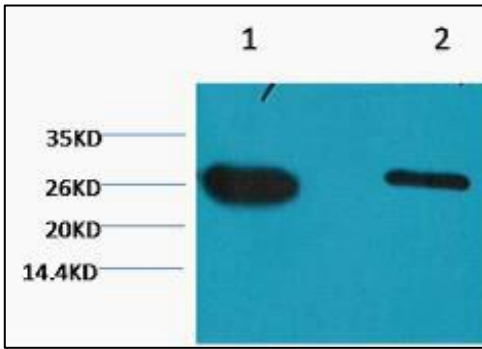
Storage

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

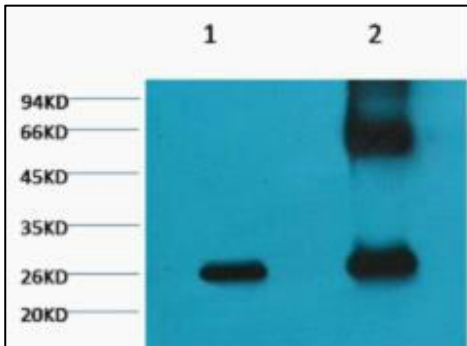
Research Use

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

Data



Western blot analysis GFP-tag fusion protein transfected HeLa. Antibody was diluted at 1.1:5000 2.1:10000.



IP analysis GFP-tag fusion protein transfected 293T cells. 1.Input 2.IP. Antibody was diluted at 1:200.

GFP-Tag Mouse mAb

Catalog No.	QYA03914C
Size.	100ug
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 0.02% sodium azide and 50% Glycerol.
Concentration.	1 mg/ml
Storage / Stability.	-20°C/1 year
Reactivity.	N/A
Applications.	WB, IP
Dilution.	WB:1:5000-1:10000, IP: 1:200