

Anti-PhiYFP antibody

Product	Cat.#	Size
Anti-PhiYFP antibody	AB601	100 µg
	AB602	200 µg

Please contact your local distributor for exact prices and delivery information

Use

- Immunoblotting
- Immunohistochemistry
- ELISA
- In cell Western
- Immunoprecipitation

Description

Rabbit polyclonal antibody against non-denatured TurboYFP and Phi-Yellow proteins.

Immunogen

Full-length recombinant non-denatured PhiYFP comprising 6XHis tag.

Specificity

The antibody has been selected to recognize non-denatured TurboYFP, PhiYFP, and PhiYFP-m.

Heat- or chemically denatured protein lacks antigen determinants.

The antibody shows little or no cross-reactivity with other fluorescent proteins like EGFP, TurboGFP, KFP-Red, and DsRed2.

Antibody preparation

Full-length recombinant PhiYFP comprising 6XHis tag was purified from transformed *E. coli* using metal-ion affinity chromatography. Antibody was produced in rabbits immunized with the recombinant non-denatured PhiYFP. Specific IgG were purified by PhiYFP affinity chromatography.

Formulation

Lyophilized from the buffer containing 0.1% mannitol, 0.1% dextran, 0.1M NaCl, 0.01M Na₂PO₄, and 0.01M NaBO₃; pH 7.4.

Reconstitution

Reconstitute with sterile water or 50% glycerol.

Storage

Lyophilized samples are stable for twelve months from date of receipt when stored at -20°C. The presence of silica gel drier is advisable.

Reconstituted with sterile water, antibody can be stored at +2 — +8°C for three months without detectable loss of activity.

Reconstituted with 50% glycerol, antibody can be stored at -20°C in a manual defrost freezer for six months without detectable loss of activity. Aliquot antibody upon reconstitution. Avoid repeated freeze / thaw cycles.

Notice to Purchaser:

The products are intended to be used by academic (non-commercial) entities and for research purposes only.

MATERIAL SAFETY DATA SHEET INFORMATION

To the best of our knowledge, these products do not require a Material Safety Data Sheet. However, all the properties of these products (and, if applicable, each of their components) have not been thoroughly investigated. Therefore, we recommend that you use gloves and eye protection, and wear a laboratory coat when working with these products.