

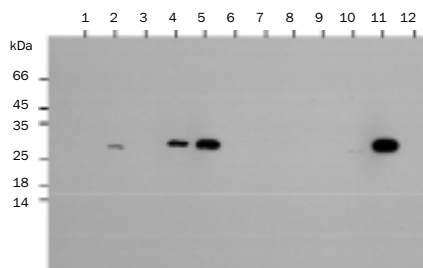
Anti-KillerRed antibody

| Product | Cat.# | Size |
|-------------------------|--------------|--------|
| Anti-KillerRed antibody | AB961 | 100 µg |
| | AB962 | 200 µg |

Please contact your local distributor for exact prices and delivery information

Use

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



Western blot detection of fluorescent proteins using Anti-KillerRed antibody.

1 — TagCFP; 2 — TagGFP; 3 — TagYFP; 4 — TagRFP; 5 — TurboFP602; 6 — TurboGFP; 7 — TurboYFP; 8 — TurboRFP; 9 — PS-CFP2; 10 — Dendra2; 11 — KillerRed; 12 — EGFP.

Recombinant proteins were purified from transformed *E. coli*. 25 ng of each protein were separated by SDS PAGE (14% acrylamide). The samples were boiled before loading. Antibody was used at a 1/10000 dilution. Secondary antibody: Goat anti-Rabbit HRP-conjugated IgG.

Description

Rabbit polyclonal antibody against KillerRed and JRed proteins.

Immunogen

Full-length recombinant denatured KillerRed.

Specificity

The antibody has been selected to recognize both denatured and native KillerRed and JRed.

The antibody shows little or no cross-reactivity with TagCFP, TagYFP, TurboGFP, TurboYFP, TurboRFP. Anti-KillerRed antibody shows cross-reactivity with TagGFP, TagRFP, TurboFP602, and TurboFP635.

Antibody preparation

Full-length recombinant KillerRed was purified from transformed *E. coli* using organic extraction and hydrophobic chromatography. Antibody was produced in rabbits immunized with the recombinant denatured KillerRed and purified by KillerRed affinity chromatography.

Formulation

Lyophilized from the buffer containing 0.01M Na₂PO₄, 0.1M NaCl, 0.25 mg/ml gelatin, and 1% trehalose; 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.