

## Mouse GFP Monoclonal Antibody | anti-GFP antibody

GFP Monoclonal Antibody

|                               |                      |                                                          |
|-------------------------------|----------------------|----------------------------------------------------------|
| CATALOG #<br><b>AAA330123</b> | HOST<br><b>Mouse</b> | APPLICATIONS<br><b>Immunoprecipitation, Western Blot</b> |
|-------------------------------|----------------------|----------------------------------------------------------|

### PRODUCT SYNONYMS

GFP; Monoclonal Antibody; GFP Monoclonal Antibody; Mouse Anti-GFP Monoclonal Antibody; Green fluorescent protein; anti-GFP antibody

### PRODUCT SPECIFICATIONS

|                                               |                                                                                                                                                                                                                          |
|-----------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Host                                          | Mouse                                                                                                                                                                                                                    |
| Clonality                                     | Monoclonal                                                                                                                                                                                                               |
| Isotype                                       | IgG1                                                                                                                                                                                                                     |
| Specificity                                   | The antibody detects RFP, YFP, CFP.                                                                                                                                                                                      |
| Purity/Purification                           | Affinity-purified from mouse ascites by affinity-chromatography using specific immunogen.                                                                                                                                |
| Form/Format                                   | Liquid; PBS, pH 7.4, Containing 0.02% Sodium Azide As Preservative and 50% Glycerol.                                                                                                                                     |
| Concentration                                 | 1 mg/ml (varies by lot)                                                                                                                                                                                                  |
| Sequence Length                               | 238                                                                                                                                                                                                                      |
| Applicable Applications for anti-GFP antibody | IP (Immunoprecipitation), WB (Western Blot)                                                                                                                                                                              |
| Immunogen                                     | Recombinant Protein                                                                                                                                                                                                      |
| Preparation and Storage                       | Stable for one year at -20 degree C from date of shipment.<br>For maximum recovery of product, centrifuge the original vial after thawing and prior to removing the cap. Aliquot to avoid repeated freezing and thawing. |

### IMAGES


**Application Data**

Fig.2. 1) control, 2) IP products, antibody dilution 1:200.


**WB (Western Blot)**

Fig.1. Western blot analysis of GFP transfected Hela, diluted at 1) 1:5000, 2) 1:10000.

### ADDITIONAL INFORMATION

#### Related Product Information for anti-GFP antibody

Green Fluorescent Protein (GFP) has quickly become a powerful research tool for assessing gene expression and subcellular protein distribution in fixed or living cells. GFP is excited by and brightly fluoresces when exposed to UV or blue light. This feature makes it ideal as a marker for use in fluorescence microscopy, cytometry, tagging fusion proteins, and assaying transcriptional regulation from gene promoters in vivo. Numerous GFP variants with enhanced and shifted emission spectra (blue, green, and yellow) have been developed through amino acid substitutions at specific residues.

NCBI AND UNIPROT INFORMATION

|                         |            |
|-------------------------|------------|
| NCBI GI #               | 1006078854 |
| NCBI Official Full Name | gfp        |

**For Research Use Only.** Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | [contact@aaabiotech.com](mailto:contact@aaabiotech.com)  
Online datasheet: <https://stage.aaabiotech.com/monoclonal/gfp-antibody-immunoprecipitation-western-blot-elisa/330123>