Product Datasheet

# GFP Rabbit mAb

Catalog No: #48671

Package Size: #48671-1 50ul #48671-2 100ul

Orders: order@signalwayantibody.com
Support: tech@signalwayantibody.com

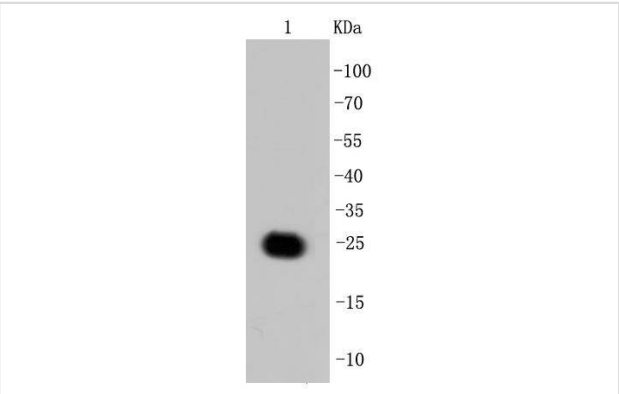
## Description

| | |
|---|---|
| Product Name | GFP Rabbit mAb |
| Host Species | Recombinant Rabbit |
| Clonality | Monoclonal antibody |
| Clone No. | SR48-02 |
| Purification | ProA affinity purified |
| Applications | WB, ICC/IF, IHC |
| Species Reactivity | Aequorea victoria |
| Immunogen Description | recombinant protein |
| Other Names | GFP antibody Green fluorescent protein antibody yfp antibody |
| Accession No. | Swiss-Prot#: |
| Calculated MW | 27 kDa |
| Formulation | 1*TBS (pH7.4), 1%BSA, 40%Glycerol. Preservative: 0.05% Sodium Azide. |
| Storage | Store at -20°C |

## Application Details

WB: 1:5,000-1:10,000 IHC:1:200-1:500 ICC: 1:100-1:500

## Images




Western blot analysis of GFP on recombinant GFP protein using anti-GFP antibody at 1/5,000 dilution.

## Background

Green fluorescence protein (GFP) is derived from the jellyfish Aequorea victoria, which emits green light (emission peak at a wavelength of 509 nm) when excited by blue light (excitation peak at a wavelength of 395 nm). GFP fluorescence is stable under fixation conditions and suitable for a variety of applications. It has been widely used as a reporter for gene expression, enabling researchers to visualize and localize GFP-tagged proteins within living cells without chemical staining.

## References

1. "Primary structure of the Aequorea victoria green-fluorescent protein."Prasher D.C., Eckenrode V.K., Ward W.W., Prendergast F.G., Cormier M.J.Gene 111:229-233(1992). 2. "A molecular thermometer based on fluorescent protein blinking."Wong F.H., Banks D.S., Abu-Arish A., Fradin C.J. Am. Chem. Soc. 129:10302-10303(2007).

Note: This product is for in vitro research use only and is not intended for use in humans or animals.