

## GFP Tag

### 产品信息

产品名称	产品货号	产品规格
GFP Tag	ORS0090PAb	100 $\mu$ l/50 $\mu$ l

### 产品简介

GFP (Green fluorescence protein) is a 27 kDa protein derived from the jellyfish *Aequorea victoria*, which emits green light when excited by blue light. GFP cDNA produces a fluorescent product when expressed in prokaryotic cells, without the need for exogenous substrates or cofactors. GFP has become an invaluable tool in cell biology research, since its intrinsic fluorescence can be visualized in living cells. GFP fluorescence is stable under fixation conditions and suitable for a variety of applications. GFP has been widely used as a reporter for gene expression, enabling researchers to visualize and localize GFP-tagged proteins within living cells without the need for chemical staining. Other applications of GFP include assessment of protein-protein interactions through the yeast two-hybrid system and measurement of distance between proteins through fluorescence energy transfer (FRET) protocols. GFP technology has considerably contributed to a greater understanding of cellular physiology.

### 产品性质

Alias: -

Clonality: Monoclonal Antibody

Antibody Type: Tag Antibody

Swissprot: P42212

Clone: 4B10B2

Entrez GeneID: -

Host\Isotype: Mouse IgG2a

Reactivity: Tag

Purification: affinity purified by Protein G

Applications: WB=1/500-1/1000; IHC=1/200 - 1/1000; ICC=1/100-1/200; FCM=1/200 - 1/400; ELISA=1/10000

Immunogen: Purified recombinant fragment of GFP expressed in E. Coli.

Formulation: Purified antibody in PBS with 0.05% sodium azide

Traits: liquid

Concentration: -



网站: <https://www.aoruisai.com>  
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**Storage:** Store at 4° C short term. Aliquot and store at -20° C long term. Avoid freeze/thaw cycles.

**注意事项:**

1. This product is for scientific research purposes only.
2. Avoid repeated freeze-thaw cycles.
3. For your safety and health, please wear a lab coat and disposable gloves



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