

---

**Product Name: GFP Tag Rabbit Monoclonal Antibody****Catalog #: AMRe80027**

For research use only.

**Summary**

|                     |                                                                                                                   |
|---------------------|-------------------------------------------------------------------------------------------------------------------|
| <b>Host</b>         | Rabbit                                                                                                            |
| <b>Application</b>  | WB,IHC-P,ICC/IF                                                                                                   |
| <b>Specificity</b>  | The antibody detects GFP-tag fusion proteins.                                                                     |
| <b>Reactivity</b>   | Species-independent                                                                                               |
| <b>Isotype</b>      | IgG                                                                                                               |
| <b>Form</b>         | Liquid                                                                                                            |
| <b>Storage</b>      | Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.                                       |
| <b>Shipping</b>     | Ice bags                                                                                                          |
| <b>Buffer</b>       | Liquid in 10mM PBS, pH 7.4, 150mM sodium chloride, 0.05% protective protein, 0.02% sodium azide and 50% glycerol. |
| <b>Purification</b> | Affinity Chromatography                                                                                           |

**Application**

|                       |                                                      |
|-----------------------|------------------------------------------------------|
| <b>Dilution Ratio</b> | WB-1:1000-1:10000; IHC-1:1:100-1:500; IF-1:100-1:500 |
|-----------------------|------------------------------------------------------|

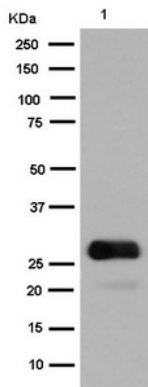
**Antigen Information**

|                  |                                                            |
|------------------|------------------------------------------------------------|
| <b>Gene Name</b> | GFP                                                        |
| <b>Immunogen</b> | Purified recombinant fragment of GFP expressed in E. Coli. |

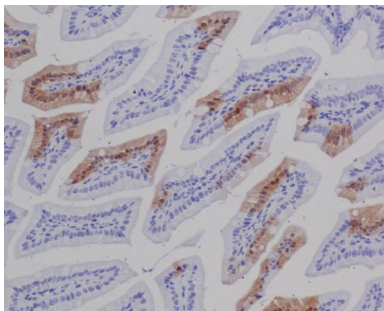
**Background**

Green fluorescent protein (GFP) has been engineered to produce a vast number of variously colored mutants, fusion proteins, and biosensors. Fluorescent proteins and its mutated allelic forms, blue, cyan and yellow have become a useful and ubiquitous tool for making chimeric proteins, where they function as a fluorescent protein tag. Typically they tolerate N- and C-terminal fusion to a broad variety of proteins.

**Image Data**



Western blot analysis of GFP in 293 lysates transfected with GFP using GFP Tag antibody.



Immunohistochemistry analysis of paraffin-embedded GFP transgenic Human colon using GFP antibody. High-pressure and temperature Sodium Citrate pH 6.0 was used for antigen retrieval.



Immunofluorescence analysis of GFP Tag in 293 using GFP antibody.