

## **PRODUCT DATA SHEET**

## GFP-Tag mAb (2G6)

| Catalog No.                 | IBY0054                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
|-----------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Reactivity                  | Species independent                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Applications                | WB; IP; IF/ICC                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| Alternative Names           | Green fluorescent protein                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| Formulation                 | Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.07% sodium azide.                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| Source                      | Mouse                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| Dilution                    | WB: 1:5000; IP: 1:50; IF: 1:50-1:200                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| Purification                | The antibody was affinity-purified from mouse ascites by affinity-chromatography using specific immunogen.                                                                                                                                                                                                                                                                                                                                                                                                        |
| Concentration               | N/A                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Storage&Stability           | Store at 4 $^{\circ}$ C short term. Aliquot and store at -20 $^{\circ}$ C long term. Avoid freeze-thaw cycles.                                                                                                                                                                                                                                                                                                                                                                                                    |
| <b>Subcellular Location</b> | -                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| MW                          | N/A                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Background                  | Epitope tags are useful for the labeling and detection of proteins using immunoblotting, immunoprecipitation, and immunostaining techniques. Because of their small size, they are unlikely to affect the tagged protein's biochemical properties. mNeonGreen is a 221 amino acid, bright, green fluorescent protein derived from Branchiostoma lanceolatum. mNeonGreen is a very useful tool as a fusion protein that reports gene expression, traces cell lineage and defines subcellular protein localization. |
| Swiss-Prot                  | N/A                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |

## **Products Images:**

