

## 45-1008: Mouse Monoclonal Antibody to cGFP-tag (Clone : 5E5G11)

<b>Clonality :</b>	Monoclonal
<b>Clone Name :</b>	5E5G11
<b>Application :</b>	ELISA
<b>Reactivity :</b>	Human
<b>Format :</b>	Purified
<b>Isotype :</b>	Mouse IgG2b
<b>Immunogen Information :</b>	Purified recombinant cGFP fusion protein

### Description

The coral green fluorescent protein (cGFP) from vector pRNATin-H1.2/Neo is a versatile marker for monitoring physiological processes, visualizing protein localization, and detecting transgenic expression. Mouse Anti-cGFP-tag Monoclonal Antibody can be used to detect cGFP fusion protein in Western blot analyses.

### Product Info

<b>Amount :</b>	40 µg
<b>Purification :</b>	Protein G chromatography
<b>Content :</b>	1 mg/ml, lyophilized with PBS, pH 7.4, containing 0.02% sodium azide
<b>Storage condition :</b>	The antibody is stable in lyophilized form if stored at -20°C or below. The reconstituted antibody can be stored for 2-3 weeks at 2-8°C. For long term storage, aliquot and store at -20°C or below. Avoid repeated freezing and thawing cycles.

### Application Note

**ELISA:** 0.1-1.0 µg/ml

**Western blot:** 1.0-2.0 µg/ml

**Reconstitute the lyophilized antibody with deionized water (or equivalent) to a final concentration of 1 mg/ml.**

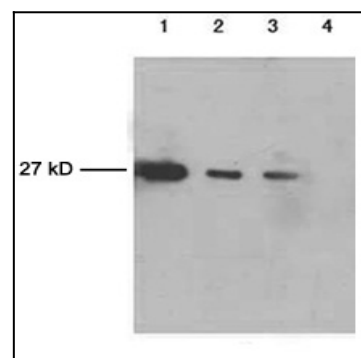


Figure-1 : Western blot analysis of cGFP-tag Antibody (Clone: 5E5G11) at 1 µg/ml on GFP fusion protein, (1-3: 100, 25, & 10 ng respectively, 4: Negative control).

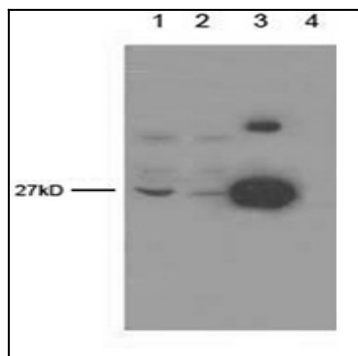


Figure-2 : Western blot analysis of cGFP-tag Antibody (Clone: 5E5G11) on GFPuv protein, in 1: OFP transfecting 293 cell lysate, 2: EGFP transfecting 293 cell lysate, 3: GFPuv protein (5 ng), 4: 293 cell lysate (as negative control).

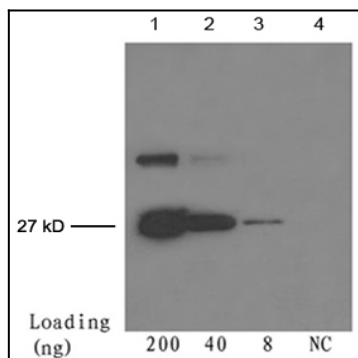


Figure-3 : Western blot analysis of cGFP-tag Antibody (Clone: 5E5G11) at 1 µg/ml on GFP fusion protein, (1-3: 200, 40 & 8 ng respectively, 4: Negative control).

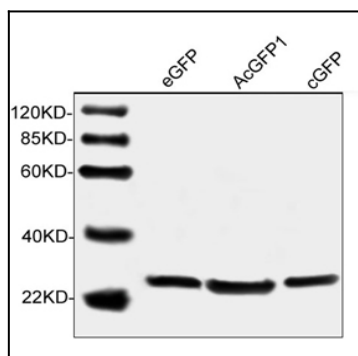


Figure-4 : Western blot analysis of cGFP-tag Antibody (Clone: 5E5G11) on a different variants of GFP protein such as eGFP, cGFP and AcGFP1. IRDye 800 Conjugated Goat Anti-mouse IgG was used as secondary antibody.