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

Clonality :	Monoclonal
Clone Name :	5E5G11
Application :	ELISA
Reactivity :	Human
Format :	Purified
Isotype :	Mouse IgG2b
Immunogen Information :	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

Amount :	40 µg
Purification :	Protein G chromatography
Content :	1 mg/ml, lyophilized with PBS, pH 7.4, containing 0.02% sodium azide
Storage condition :	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.

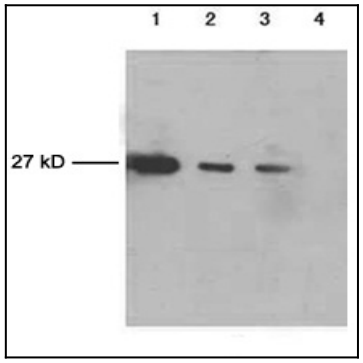


Figure-1 : Western blot analysis of cGFP-tag Antibody (Clone: 5E5G11) at 1 µg/ml on GFP fusion protein, (1-3: 100, 25, & 10 ng respectively, 4: Negative control).

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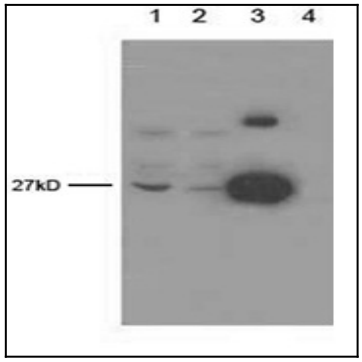


Figure-2 : Western blot analysis of cGFP-tag Antibody (Clone: 5E5G11) on GFPuv protein, in 1: OFP transfecting 293 cell lysate, 2: EGFP transfecting 293 cell lysate, 3: GFPuv protein (5 ng), 4: 293 cell lysate (as negative control).

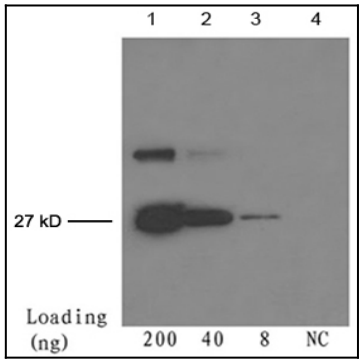


Figure-3 : Western blot analysis of cGFP-tag Antibody (Clone: 5E5G11) at 1 µg/ml on GFP fusion protein, (1-3: 200, 40 & 8 ng respectively, 4: Negative control).

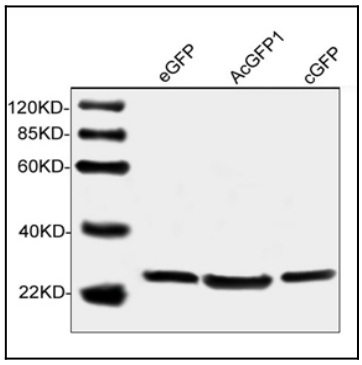


Figure-4 : Western blot analysis of cGFP-tag Antibody (Clone: 5E5G11) on a different variants of GFP protein such as eGFP, cGFP and AcGFP1. IRDye 800 Conjugated Goat Anti-mouse IgG was used as secondary antibody.

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