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Datasheet for ABIN7250878
anti-GFP Tag antibody

1 Image

Overview

Quantity:	200 µL
Target:	GFP Tag
Reactivity:	Please inquire
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This GFP Tag antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	Recombinant Protein
Isotype:	IgG
Characteristics:	Tag Antibody
Purification:	Affinity purification

Target Details

Target:	GFP Tag
Alternative Name:	GFP-Tag (GFP Tag Products)
Target Type:	Tag
Background:	Protein tags are protein or peptide sequences located either on the C- or N- terminal of the target protein, which facilitates one or several of the following characteristics: solubility,

Target Details

detection, purification, localization and expression. Green fluorescence protein(GFP) is a protein composed of 238 amino acid residues(26.9 kDa) derived from the Jellyfish *Aequorea victoria*, which emits green light(emission peak at 509nm) when excited by blue light(excitation peak at 395nm). GFP has become an invaluable tool in cell biology research, since its intrinsic fluorescence can be visualized in living cells. EGFP contains the double-amino-acid substitutions Phe-64 to Leu and Ser-65 to Thr(previously published as GFPmut1). In contrast to wtGFP, EGFP has a single, strong, red-shifted excitation peak at 488nm. GFPmut1 fluoresces 35-fold more intensely than wtGFP when excited at 488nm, due to an increase in its extinction coefficient(E_m).

Application Details

Application Notes: WB 1:5000-1:10000

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 1 mg/mL

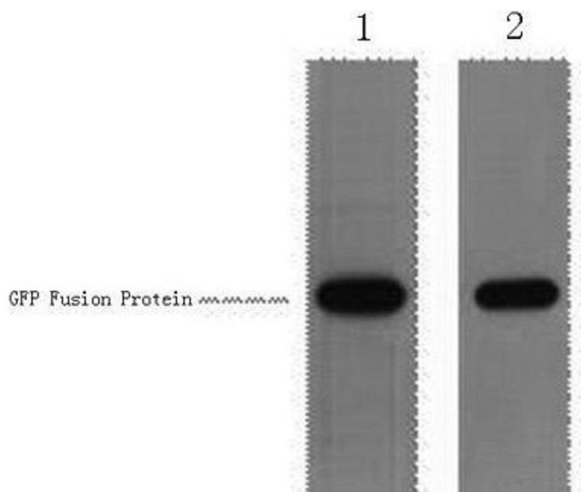
Buffer: PBS with 0.02 % sodium azide and 50 % glycerol pH 7.4.

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: -20 °C

Storage Comment: Store at -20°C. Avoid freeze / thaw cycles.



Western Blotting

Image 1. Western Blot analysis of 1 μ g GFP fusion protein using GFP-Tag Polyclonal Antibody at dilution of 1) 1:5000
2) 1:1000.