

Mouse GFP Monoclonal Antibody | anti-GFP antibody

GFP Monoclonal Antibody

CATALOG # AAA171560	HOST Mouse	APPLICATIONS Immunoprecipitation, Western Blot
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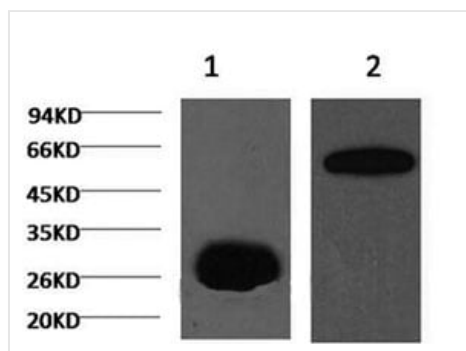
PRODUCT SYNONYMS

GFP; Monoclonal Antibody; GFP Monoclonal Antibody; anti-GFP antibody

PRODUCT SPECIFICATIONS

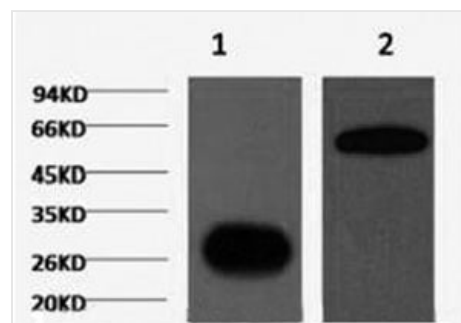
Host	Mouse
Clonality	Monoclonal
Isotype	IgG
Clone Number	4A1
Purity/Purification	Protein A purification
Form/Format	PBS with 0.02% sodium azide and 50% glycerol pH 7.4.
Sequence Length	238
Applicable Applications for anti-GFP antibody	IP (Immunoprecipitation), WB (Western Blot)
Immunogen	Recombinant Protein
Preparation and Storage	Store at -20°C. Avoid freeze / thaw cycles.

IMAGES



IP (Immunoprecipitation)

1) Input: HeLa Cells, 2) IP product: IP at dilution of 1:200



WB (Western Blot)

Western Blot analysis of 1) GFP Mock (control), 2) GFP+ target protein using GFP Monoclonal Antibody at dilution of 1:5000.

ADDITIONAL INFORMATION

Related Product Information for anti-GFP antibody	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, detection, purification, localization and expression. Green fluorescence protein(GFP) is a protein composed of 238 amino acid residues(26.9kDa) 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(Em).
Product Categories/Family for anti-GFP antibody	Tag Control Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	262348071
NCBI Official Full Name	GFP

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/monoclonal/gfp-antibody-clone-4a1-immunoprecipitation-western-blot-elisa/171560>