

Mouse GFP Antibody | anti-GFP antibody

GFP Antibody

CATALOG # AAA108416	HOST Mouse	APPLICATIONS ELISA, Flow Cytometry, Functional Assay, Immunofluorescence, Western Blot
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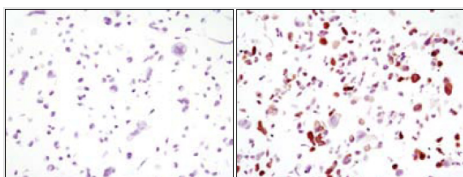
PRODUCT SYNONYMS

GFP; GFP Antibody; anti-GFP antibody

PRODUCT SPECIFICATIONS

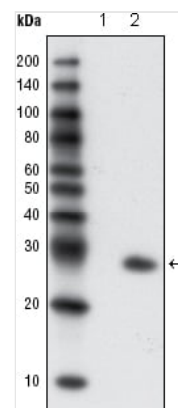
Host	Mouse
Isotype	IgG2a
Clone Number	4B10B2
Form/Format	Ascitic fluid containing 0.03% sodium azide.
Sequence Length	238
Applicable Applications for anti-GFP antibody	ELISA, FCM/FACS (Flow Cytometry), IF (Immunofluorescence), WB (Western Blot)
Immunogen	Purified recombinant fragment of GFP expressed in E. Coli.
Preparation and Storage	Store at 4 degree C, for long term storage, store at -20 degree C

IMAGES



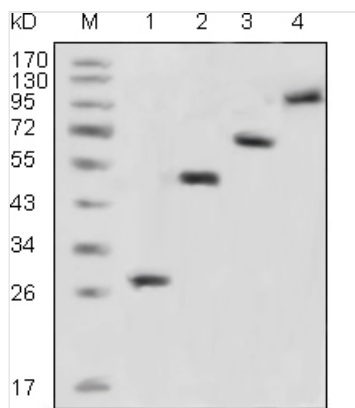
ICC (Immunocytochemistry)

Figure 3. Immunocytochemistry analysis of HCC827 cells, untransfected (left) or transfected with GFP (right) using GFP mouse mAb.



WB (Western Blot)

Figure 2. Western blot analysis using GFP mouse mAb against extracts from HCC827 cells, untransfected (1) and transfected with GFP(2).



WB (Western Blot)

Figure 1. Western blot analysis using GFP mouse mAb against recombinant GFP fusion protein (1) and various recombinant fusion protein with GFP tag (2, 3, 4).

ADDITIONAL INFORMATION

Related Product Information for anti-GFP antibody

GFP (Green fluorescence protein) is a 27 kDa protein derived from the jellyfish *Aequorea victoria*, which emits green light when excited by blue light. GFP cDNA produces a fluorescent product when expressed in prokaryotic cells, without the need for exogenous substrates or cofactors. GFP has become an invaluable tool in cell biology research, since its intrinsic fluorescence can be visualized in living cells. GFP fluorescence is stable under fixation conditions and suitable for a variety of applications. GFP has been widely used as a reporter for gene expression, enabling researchers to visualize and localize GFP-tagged proteins within living cells without the need for chemical staining. Other applications of GFP include assessment of protein protein interactions through the yeast two hybrid system and measurement of distance between proteins through fluorescence energy transfer (FRET) protocols. GFP technology has considerably contributed to a greater understanding of cellular physiology.

Product Categories/Family for anti-GFP antibody

Autophagy antibody; Cancer; Cardiovascular; Cell Biology; Epigenetics & Nuclear Signaling; Developmental Biologys; Immunology; Drug Discovery Products; Metabolism; Neuroscience; Signal Transduction; Stem Cells

NCBI AND UNIPROT INFORMATION

NCBI GI #	262348071
Molecular Weight	27kDa
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/mouse-antibody/gfp/108416>