

Mouse GFP Monoclonal Antibody | anti-GFP antibody

Anti-GFP Antibody

CATALOG # AAA60739	HOST Mouse	APPLICATIONS Western Blot
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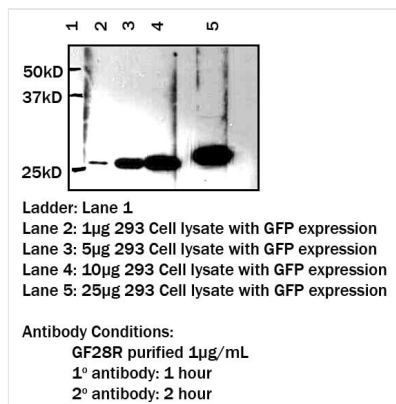
PRODUCT SYNONYMS

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

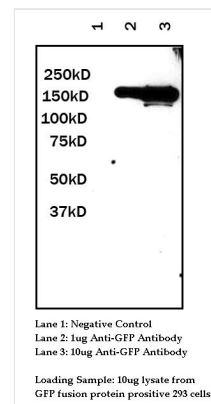
PRODUCT SPECIFICATIONS

Host	Mouse
Clonality	Monoclonal
Isotype	IgG1
Clone Number	LGB-1
Specificity	Recognizes native and denatured forms of GFP and its variants EGFP, YFP, EYFP, and CFP.
Purity/Purification	Affinity purified
Form/Format	Liquid
Concentration	100ug/100ul (varies by lot)
Sequence Length	238
Applicable Applications for anti-GFP antibody	WB (Western Blot)
Storage Buffer	PBS, pH 7.4 with 0.05% sodium azide.
Immunogen	GFP from the jellyfish Aequorea victoria N-Terminal peptide-KLH conjugates (first 20 aa).
Preparation and Storage	This product is stable for several weeks at 4°C as an undiluted liquid. Dilute only prior to immediate use. For extended storage, aliquot contents and freeze at -20°C or below. Avoid cycles of freezing and thawing.

IMAGES



Application Data



Application Data

ADDITIONAL INFORMATION

Related Product Information for anti-GFP antibody	Green fluorescent protein has been engineered to produce a vast number of variously colored mutants, fusion proteins, and biosensors. Fluorescent proteins and its mutated allelic forms, blue, cyan and yellow have become a useful and ubiquitous tool for making chimeric proteins, where they function as a fluorescent protein tag. Typically they tolerate N- and C-terminal fusion to a broad variety of proteins. They have been expressed in most known cell types and are used as a noninvasive fluorescent marker in living cells and organisms. They enable a wide range of applications where they have functioned as a cell lineage tracer, reporter of gene expression, or as a measure of protein-protein interactions. Can also be used as a molecular thermometer, allowing accurate temperature measurements in fluids. The measurement process relies on the detection of the blinking of GFP using fluorescence correlation spectroscopy.
References	Moncivais, K et al. "Tetracycline repressor-based mammalian two-hybrid systems." Methods Mol Biol 812:259-273 (2012). DOI: 10.1007/978-1-61779-455-1_15. PubMed: 22218865. Application: Western Blot.

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.

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Online datasheet: <https://stage.aaabiotech.com/monoclonal/gfp-antibody-clone-lgb-1-western-blot-elisa/60739>