

Mouse anti-All GFP-Tag Monoclonal Antibody

GFP-Tag (7G9) Mouse mAb

CATALOG # AAA62302	HOST Mouse	REACTIVITY All	APPLICATIONS ELISA, Immunoprecipitation, Immunofluorescence, Western Blot
------------------------------	----------------------	--------------------------	---

PRODUCT SYNONYMS

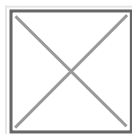
GFP-Tag; Monoclonal Antibody; GFP-Tag (7G9) Mouse mAb; anti-GFP-Tag antibody

PRODUCT SPECIFICATIONS

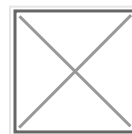
Host	Mouse
Reactivity	All
Clonality	Monoclonal
Isotype	IgG1
Specificity	GFP-Tag (7G9) Mouse mAb detects GFP and GFP fusion proteins.
Sequence Length	304
Applicable Applications for anti-GFP-Tag antibody	ELISA, IP (Immunoprecipitation), IF (Immunofluorescence), WB (Western Blot)
Source Note	This monoclonal antibody is produced by immunizing animals with full length recombinant GFP.
Preparation and Storage	Store at -20 degree C. Stable for one year from the date of shipment.

IMAGES

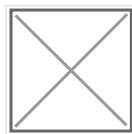
IP (Immunoprecipitation)



IF (Immunofluorescence)



WB (Western Blot)



ADDITIONAL INFORMATION

Related Product Information for anti-GFP-Tag antibody	The green fluorescent protein (GFP) was originally identified as a protein involved in the bioluminescence of the jellyfish <i>Aequorea victoria</i> . GFP cDNA produces a fluorescent product when expressed in prokaryotic cells, without the need for exogenous substrates or cofactors, making GFP a useful tool for monitoring gene expression and protein localization in vivo. Several GFP mutants have been developed, including EGFP, which fluoresce more intensely than the wildtype GFP and have shifted excitation maxima, making them useful for FACS and fluorescence microscopy as well as double-labeling applications. GFP is widely used in expression vectors as a fusion protein tag, allowing expression and monitoring of heterologous proteins fused to GFP.
Product Categories/Family for anti-GFP-Tag antibody	Tag

References	1. Prasher, D.C., et al. 1992. Primary structure of the Aequorea victoria green fluorescent protein. Gene 111: 229-233. 2. Chalfie, M., et al. 1994. Green fluorescent protein as a marker for gene expression. Science 263: 802-805.
------------	--

NCBI AND UNIPROT INFORMATION

NCBI GI #	1465231641
NCBI Official Full Name	GFP tag fusion protein, partial

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-tag-antibody-immunoprecipitation-immunofluorescence-western-blot-elisa/62302>