

Rabbit GFP Monoclonal Antibody | anti-GFP antibody

Recombinant Anti-GFP Tag Antibody, Rabbit Monoclonal

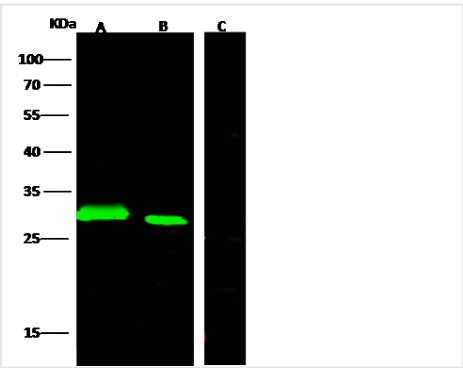
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA255635	Rabbit	Aequorea victoria	Immunoprecipitation, ELISA, Western Blot

PRODUCT SYNONYMS

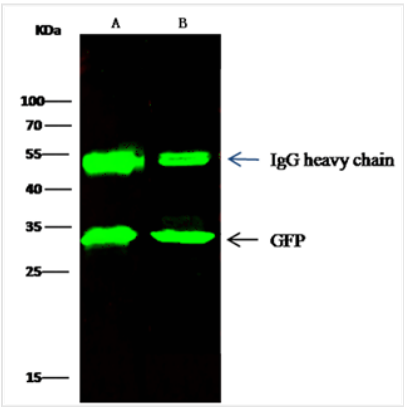
GFP; Monoclonal Antibody; Recombinant Anti-GFP Tag Antibody; Rabbit Monoclonal; GFP Antibody; Rabbit MAb; anti-GFP antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Aequorea victoria
Clonality	Monoclonal
Isotype	Rabbit IgG
Clone Number	208
Specificity	Aequorea victoria GFP Tag
Purity/Purification	Protein A
Form/Format	Liquid; 0.2um filtered solution in PBS
Applicable Applications for anti-GFP antibody	IP (Immunoprecipitation), ELISA, WB (Western Blot)
Antibody Type	Recombinant Antibody
Immunogen	Recombinant Aequorea victoria GFP protein
Conjugation	Unconjugated
Preparation	This antibody was obtained from a rabbit immunized with purified, recombinant Aequorea victoria GFP.
Preparation and Storage	This antibody can be stored at 2-8 degree C for one month without detectable loss of activity. Antibody products are stable for twelve months from date of receipt when stored at -20 degree C to -80 degree C. Preservative-Free. Avoid repeated freeze-thaw cycles.



WB (Western Blot)
Anti-GFP rabbit monoclonal antibody at 1:500 dilutionLane A: GFP transfected E.coli lysate (5ug)Lane B: GFP transfected 293 Cell lysate (30ug)Lane C: Non-transfected 293 Cells lysate (30ug)SecondaryGoat Anti-Rabbit IgG H&L (Dylight800) at 1/10000 dilution.Developed using the Odyssey technique.Performed under reducing conditions.Predicted band size:27 kDaObserved band size:27 kDa



IP (Immunoprecipitation)
Anti-GFP Tag was immunoprecipitated using:Lane A: GFP transfected E.coli cell lysate (0.5mg)Lane B: GFP transfected 293 cell lysate (0.5mg) Anti-GFP Tag mouse monoclonal antibody at 1/500-1/2000 dilution and 60ug of Immunomagnetic beads Protein G.Primary antibody:Anti-GFP Tag rabbit monoclonal antibody, at 1/1000-1/5000 dilutionSecondaryGoat Anti-Mouse IgG H&L (Dylight800) at 1/10000 dilution.Developed using the Odyssey technique.Performed under reducing conditions.

ADDITIONAL INFORMATION

Related Product Information for anti-GFP antibody	Green fluorescent protein (GFP tag) is a ~27 kDa protein consisting of 238 amino acids derived from jellyfish Aequorea Victoria. GFP exhibits bright green fluorescent light when exposed to blue light. It has been used widely as a reporter protein for gene expression in eukaryotic and prokaryotic organisms, and as a protein tag in cell culture and multicellular organisms. Anti GFP-tag antibodies are often used in biological research and related fields. GFP tag antibodies are also often been used to study the expression of proteins and the interaction between proteins and proteins.
References	Zhao X, et al. (2013) Several affinity tags commonly used in chromatographic purification. J Anal Methods Chem 2013 581093.Monti M, et al. (2007) Functional proteomics: Protein-protein interactions in vivo. Ital J Biochem 56 (4): 310-314.Brothers SP, et al. (2003) Unexpected effects of epitope and chimeric tags on gonadotropin-releasing hormone receptors: Implications for understanding the molecular etiology of hypogonadotropic hypogonadism. J Clin Endocrinol Metab 88 (12): 6107-6112.

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.