
Product Name: GFP/eGFP Tag Rabbit polyclonal Antibody**Catalog #: APRab80033**

For research use only.

Summary

Host	Rabbit
Application	WB,IHC-P,ICC/IF,FC
Specificity	The antibody detects GFP-tag fusion proteins.
Reactivity	Species-independent
Isotype	IgG
Form	Liquid
Storage	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
Shipping	Ice bags
Buffer	Liquid in 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40%Glycerol, 0.01% sodium azide and 0.05% protective protein.
Purification	Affinity Chromatography

Application

Dilution Ratio	WB-1:1000-1:5000; IHC:1:100-1:200; ICC/IF-1:200-1:500; FC-1:20-1:50
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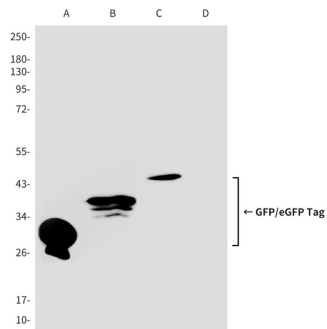
Antigen Information

Gene Name	eGFP
Immunogen	Purified recombinant fragment expressed in E. Coli.

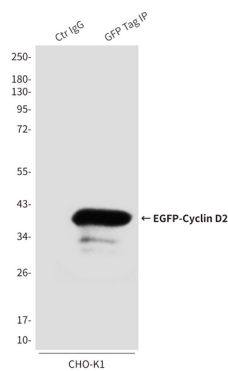
Background

C8CHS1.Epitope tags are useful for the labeling and detection of proteins using immunoblotting, immunoprecipitation, and immunostaining techniques. Because of their small size, they are unlikely to affect the tagged protein's biochemical properties. The green-fluorescent protein (GFP) functions as a bioluminescence energy transfer acceptor in the jellyfish *Aequorea* that maximally absorbs light at 395 nm and has an emission spectrum that peaks at 509 nm. GFP has become a very useful tool as a fusion protein that reports gene expression, traces cell lineage and defines subcellular protein localization.

Image Data



Western blot analysis of EGFP/EYFP in CHO-K1 transfected by different EGFP fusion proteins (MW: A. 30kDa, B. 38kDa, C. 50kDa) or nontransfected (D) lysates using EGFP/EYFP antibody.



Immunoprecipitation analysis of GFP/eGFP Tag in CHO-K1 lysates transfected with EGFP-Cyclin D2 fragment fusion protein. IP: EGFP/EYFP antibody; WB: Cyclin D2 antibody (200500).