Anti-GFP/eGFP Tag Rabbit Polyclonal Antibody

Introduction

Swiss-Prot Acc.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.

Product parameters

Alternative Names	GFP; Green Fluorescent Protein; enhanced Green Fluorescent Protein.
Gene ID	-
Gene Name	eGFP
SwissProt ID	C8CHS1
Host	Rabbit
Reactivity	Species-independent
Molecular Weight	Calculated MW: 27 kDa; Observed MW: Refer to figures
Conjugation	Unconjugated
Ex	-
Em	-
Modification	Unmodified
Clonality	IgG
Isotype	Polyclonal Antibody
Clonality No.	-
Form	Liquid
Concentration	See label
Carrier	Carrier Not Free
Immunogen	Purified recombinant EYFP.tag full length expressed in E.coli.
Purification	Affinity Purified
Buffer System	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide, pH 7.3.
Application	WB, IP
Dilution Ratio	WB: 1/1000-1/10000 IP: 1/20

Research Field	Tags & Cell Markers
Product Categories	Primary antibody
Shipping	Blue ice
Storage	-20°C
Expiration Date	12 months
Note	Please avoid freeze-thaw cycles.

Protocol

Configure the product according to the application range and recommended dilution ratio.

***Note:** The primary antibody dilution buffer options: WB - Primary Antibody Dilution Buffer (Cat. #: K1200, Not for HRP/AP conjugated antibodies), Immunostaining - Immunol Staining Primary Antibody Dilution Solution (Cat. #: K4655).

Note

1. This product is for scientific research use only.

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