

Anti-GFP Tag Rabbit Monoclonal Antibody

Introduction

The GFP tag is derived from the green fluorescent protein of the jellyfish *Aequorea victoria* (Swiss-Prot: P42212). Genetically engineered GFP and its variant derivatives (e.g., CFP, YFP) have become indispensable fluorescent tag tools in live-cell imaging and protein localization studies, and are generally well-tolerated when fused to either the N-terminus or C-terminus of target proteins. This rabbit monoclonal antibody offers high specificity and has been validated for Western Blot (WB) to detect GFP and most of its common variant fusion proteins at the expression level.

Product parameters

Alternative Names	GFP; Green Fluorescent Protein; enhanced Green Fluorescent Protein.
Gene ID	-
Gene Name	GFP
SwissProt ID	Q963I9
Host	Rabbit
Reactivity	Species-independent
Molecular Weight	Calculated MW: 27 kDa
Conjugation	HRP
Ex	-
Em	-
Modification	Unmodified
Clonality	IgG
Isotype	Monoclonal Antibody
Clonality No.	AP-17H9G6
Form	Liquid
Concentration	See label
Carrier	Carrier Not Free
Immunogen	Synthetic peptide derived from GFP.
Purification	Affinity Purified
Buffer System	Liquid in 10 mM PBS containing 150 mM sodium chloride, 0.05% BSA, 0.02% sodium azide and 50% glycerol, pH 7.4.
Application	WB
Dilution Ratio	WB-1:1000-1:10000

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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