



Rabbit Anti-GFP *Aequorea victoria* monoclonal antibody, clone TS59-13 (CABT-L588)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Target	GFP
Immunogen	Recombinant protein
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	<i>Aequorea victoria</i>
Clone	TS59-13
Purification	Protein A purified.
Conjugate	Unconjugated
Applications	WB, ICC/IF, IHC
Molecular Weight	27 kDa
Positive Control	Recombinant GFP protein.
Format	Liquid
Size	100 µl
Buffer	1×TBS (pH7.4), 1% BSA, 40% Glycerol.
Preservative	0.05% Sodium Azide
Storage	Store at +4°C after thawing. Aliquot store at -20°C or -80°C. Avoid repeated freeze / thaw

cycles.

BACKGROUND

Introduction

Green fluorescence protein (GFP) is derived from the jellyfish *Aequorea victoria*, which emits green light (emission peak at a wavelength of 509 nm) when excited by blue light (excitation peak at a wavelength of 395 nm). GFP fluorescence is stable under fixation conditions and suitable for a variety of applications. It has been widely used as a reporter for gene expression, enabling researchers to visualize and localize GFP-tagged proteins within living cells without chemical staining.

Keywords

GFP;Green fluorescent protein;yfp antibody
