

Product Datasheet

Anti-GFP (Green Fluorescent Protein) Antibody FL594 Conjugate



Overview

Catalog #	75-413-FL594
Conjugate	FL594 Ex: 594 nm, Em: 615 nm
Isotype	IgG1
Clone Number	N86/20
Size	200 μ L
Concentration	0.5 mg/mL
Host Species	Mouse Monoclonal
Format	Purified by Protein A chromatography
Buffer	PBS with 0.09% azide
Applications	ICC
Species Reactivity	N/A
Immunogen	Fusion protein amino acids 1-238 (full-length) of jellyfish green fluorescent protein (also known as GFP, accession number P42212) produced recombinantly in E. Coli
Molecular Weight	30 kDa
Cite this Antibody	Antibodies Inc Cat# 75-413-FL594, RRID: AB_2940370

Details

Target Description	Green fluorescent protein (GFP) from the jellyfish Aequorea Victoria is widely used as a marker of protein expression or targeting in cells or model organisms.
Specificity	Cross-reacts with Cyan and Yellow fluorescent protein (CFP and YFP, respectively) Does not cross-react with Red fluorescent protein (dsRed)
Purification Method	Produced by in vitro bioreactor culture of hybridoma line followed by Protein A affinity chromatography and conjugation of purified mAb. Purified mAbs are >90% specific antibody.
Quality Control Tests	Each new lot of antibody is quality control tested on cells overexpressing target protein and confirmed to give the expected staining pattern.
Storage	Aliquot and store at $\leq -20^{\circ}\text{C}$ for long term storage. For short term storage, store at 2-8 $^{\circ}\text{C}$. For maximum recovery of product, centrifuge the vial prior to removing the cap.

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