

Product Datasheet

Anti-GFP Antibody FL650 Conjugate



Overview

Catalog #	75-132-FL650
Conjugate	FL650 Ex: 655 nm, Em: 676 nm
Isotype	IgG2a
Clone Number	N86/38
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, IHC
Species Reactivity	N/A
Immunogen	Fusion protein amino acids 1-238 (full-length) of jellyfish green fluorescent protein (accession number P42212) produced recombinantly in E. Coli
Molecular Weight	27 kDa
Cite this Antibody	Antibodies Inc Cat# 75-132-FL650, RRID: AB_2939491

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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