www.antibodiesinc.com
orders@antibodiesinc.com
530-758-4400

PRODUCT DATASHEET

Anti-GFP (Green Fluorescent Protein) Antibody

Product Details

Available Variants	100 µL (SKU:75-413)
Conjugate	Unconjugated
Isotype	IgG1
Clone	N86/20
Gene Name	GFP
Host Species	Mouse
Concentration	1 mg/mL
Format	Purified by Protein A chromatography
Physical State	Liquid
Buffer	10 mM Tris, 50 mM Sodium Chloride, 0.065% Sodium Azide pH 7.125
Production Notes	Produced by in vitro bioreactor culture of hybridoma line followed by Protein A affinity chromatography. Purified mAbs are >90% specific antibody.
Applications	ELISA, ICC, WB
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
Specificity	Cross-reacts with Cyan and Yellow fluorescent protein (CFP and YFP, respectively)Does not cross-react with Red fluorescent protein (dsRed)
Molecular Weight	30 kDa
Quality Control	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 ≤ -20°C for long term storage. For short term storage, store at 2-8°C. For maximum recovery of product, centrifuge the vial prior to removing the cap.
Antibody Registry ID	AB_2491181
UniProt ID	P42212 UniProt Summary: Energy-transfer acceptor. Its role is to transduce the blue chemiluminescence of the protein aequorin into green fluorescent light by energy transfer. Fluoresces in vivo upon receiving energy from the Ca(2+)-activated photoprotein aequorin.
Country of Origin	United States
Shipping	Shipped on ice packs
Expiration	24 months from date of receipt
Usage Statement	These antibodies are to be used as research laboratory reagents and are not for use as diagnostic or therapeutic reagents in humans.

Product Images



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