

Anti-GFP Antibody

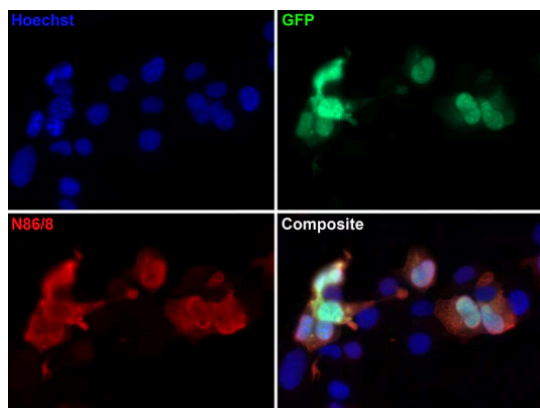


Product Details

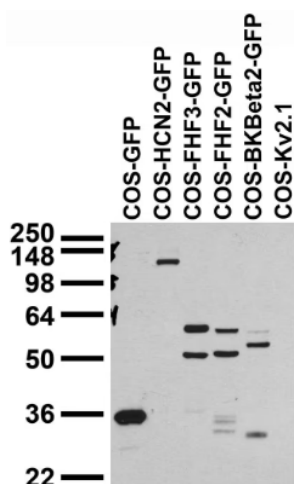
Available Variants	100 μ L (SKU:75-131) 20 μ L (SKU:75-131-020)
Conjugate	Unconjugated
Isotype	IgG2a
Clone	N86/8
Gene Name	GFP
Host Species	Mouse
Concentration	1 mg/mL
Format	Purified by Protein A chromatography
Physical State	Liquid
Buffer	10 mM Tris, 50 mM Sodium Chloride, 0.065% Sodium Azide pH 7.57
Production Notes	Produced by in vitro bioreactor culture of hybridoma line followed by Protein A affinity chromatography. Purified mAbs are >90% specific antibody.
Applications	ChIP, ELISA, ICC, IHC, IP, WB
Dilution Ranges	WB: 1:1000 IHC: 1:1000 ICC: 1:500
Immunogen	Fusion protein amino acids 1-238 (full-length) of jellyfish green fluorescent protein (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	27 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 $\leq -20^{\circ}\text{C}$ 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.
Antibody Registry ID	AB_10671445
UniProt ID	P42212
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.

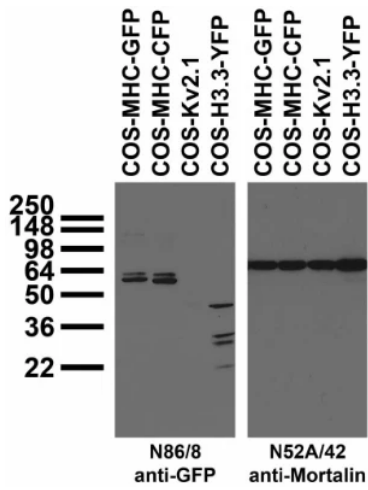
Product Images



Transfected cell immunofluorescence: COS cells expressing GFP. Blue = Hoechst nuclear stain, Green = GFP, Red = N86/8.



Transfected cell immunoblot extracts of COS cells transfected with GFP; GFP-tagged HCN2, FGF11/FHF3 FGF13/FHF2 and BKBeta2; or untagged Kv2.1 plasmid and probed with N86/8 TC supe.



Transfected cell immunoblot: extracts of COS cells transfected with GFP-tagged MHC, CFP-tagged MHC, YFP-tagged Histone H3.3 or untagged Kv2.1 plasmid and probed with N86/8 (left) or N52A/42 (right) TC supe.

Product Page URL: www.antibodiesinc.com/products/anti-gfp-antibody-n86-8-75-131



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