

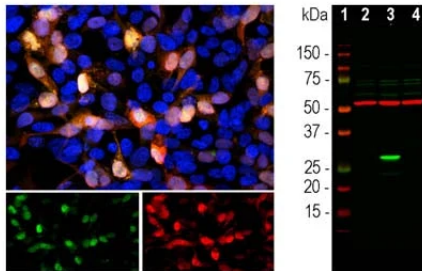
Anti-Green fluorescent protein (GFP) Antibody



Product Details

Available Variants	100 µg (SKU:R-1838-100)
Conjugate	Unconjugated
Isotype	IgG
Host Species	Rabbit
Format	Affinity purified
Physical State	Lyophilized
Buffer	Lyophilized from PBS buffer pH 7.2-7.6 with 0.1% trehalose, and sodium azide
Applications	IHC, WB
Dilution Ranges	WB: 1:1000-1:5000 IHC: 1:2000-1:5000
Immunogen	Recombinant AcGFP purified from E. coli
Specificity	GFP, cross reactivity with other mutant forms is expected as immunogen was a whole molecule GFP.
Molecular Weight	27 kDa
Storage	Spin vial briefly before opening. Reconstitute with 100 µL sterile-filtered, ultrapure water. Centrifuge to remove any insoluble material. Store lyophilized antibody at 2-8°C. After reconstitution divide into aliquots and store at -20°C for long-term storage. Store at 2-8°C short-term (up to 4 weeks). Avoid repetitive freeze/thaw cycles.
UniProt ID	Q6YGZ0
Country of Origin	United States
Shipping	25°C (ambient)
Expiration	12 months after date of receipt (unopened vial).

Product Images



Left: Analysis of GFP expression (green) in transfected HEK293 cells by **Immunocytochemistry**. Cells were stained with rabbit anti-GFP antibody (red, 1:2,000). Blue: Hoechst staining for nuclei. Transfected cells appear orange-yellow due to the green (GFP) and red (anti-GFP antibody) color overlay. **Right:** Western blot analysis of GFP protein in transfected HEK293 lysate using rabbit antibody to GFP (green, 1:2,000). [1] protein standard, [2] non-transfected control cells, [3] transfected cells with GFP construct, [4] transfected cells with mCherry construct. A strong band at ~27 kDa corresponds to the expected molecular weight of GFP protein detected only in cells transfected with GFP construct. The antibody does not cross-react with mCherry protein. The same blot was simultaneously probed with a mouse antibody to beta-tubulin (red, ~ 50 kDa, lanes 2-4).

Product Page URL: www.antibodiesinc.com/products/anti-green-fluorescent-protein-gfp-antibody-r-1838-100

