



Catalog Number:	RA22134	Host:	Rabbit
Product Type:	Rabbit Polyclonal	Species Reactivity:	N/A
Immunogen Sequence:	Recombinant Green Fluorescent Protein purified from <i>E. coli</i>	Format:	Purified liquid antibody in 50% PBS, 50% glycerol plus 5mM of Sodium Azide. Concentration: 1mg/ml.
Applications:	Immunofluorescence: 1:2,000-5,000 Immunohistochemistry: 1:2,000-5,000 Western Blot: 1:1,000-5,000		

Dilutions listed as a recommendation. Optimal dilution should be determined by investigator.

Storage: Antibody can also be aliquotted and stored frozen at -20° C in a manual defrost freezer for six months without detectable loss of activity. The antibody can be stored at 2° - 8° C for 1 month without detectable loss of activity. Avoid repeated freeze-thaw cycles.

Application Notes

Description/Data:

GFP (green fluorescent protein) is 27kDa protein; which was original isolated from the jellyfish (*Aequoria victoria*). This antibody was made against a recombinant GFP, from the *Aequoria* species, referred to as AcGFP. This antibody can be used to verify the expression, size and stability of both AcGFP and eGFP fusion proteins in western blotting experiments and to amplify GFP signals in tissues of transgenic animals.

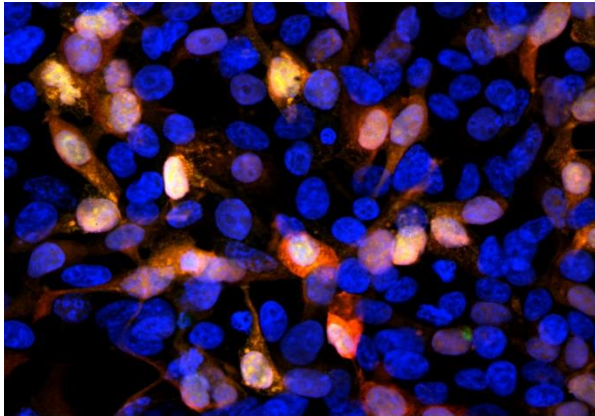
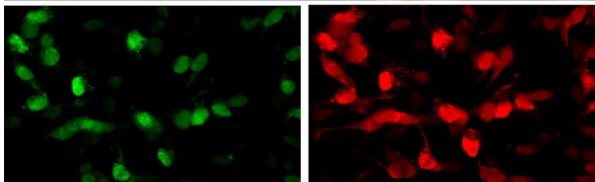


Image: Immunofluorescent analysis of transfected HEK293 cells with a GFP construct, in green, and stained with rabbit pAb to GFP, RA22134, dilution 1:2,000 in red. The blue is Hoechst staining of nuclear DNA. The GFP antibody reveals GFP protein expressed only in transfected cells, and as a result these cells appear orange-yellow in color.



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