GFP

Data Sheet

Catalog Number: RA22134
Host: Rabbit

Product Type: Rabbit Polyclonal

Species Reactivity: N/A

Immunogen Sequence: Recombinant Green Fluorescent Protein purified from E. coli

Format: Purified liquid antibody in 50% PBS, 50% glycerol plus 5mM of Sodium Acide. 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 HER293 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.

FOR RESEARCH USE ONLY

NEUROMICS' REAGENTS ARE FOR IN VITRO AND CERTAIN NON-HUMAN IN VIVO EXPERIMENTAL USE ONLY AND NOT INTENDED FOR USE IN ANY HUMAN CLINICAL INVESTIGATION, DIAGNOSIS, PROGNOSIS, OR TREATMENT. THE ABOVE ANALYSES ARE MERELY TYPICAL GUIDES. THEY ARE NOT TO BE CONSTRUED AS BEING SPECIFICATIONS. ALL OF THE ABOVE INFORMATION IS, TO THE BEST OF OUR KNOWLEDGE, TRUE AND ACCURATE. HOWEVER, SINCE THE CONDITIONS OF USE ARE BEYOND OUR CONTROL, ALL RECOMMENDATIONS OR SUGGESTIONS ARE MADE WITHOUT GUARANTEE, EXPRESS OR IMPLIED, ON OUR PART. WE DISCLAIM ALL LIABILITY IN CONNECTION WITH THE USE OF THE INFORMATION CONTAINED HEREIN OR OTHERWISE, AND ALL SUCH RISKS ARE ASSUMED BY THE USER. WE FURTHER EXPRESSLY DISCLAIM ALL WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE.-V2/08/2012