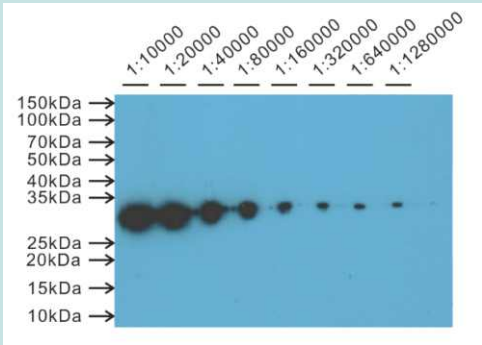




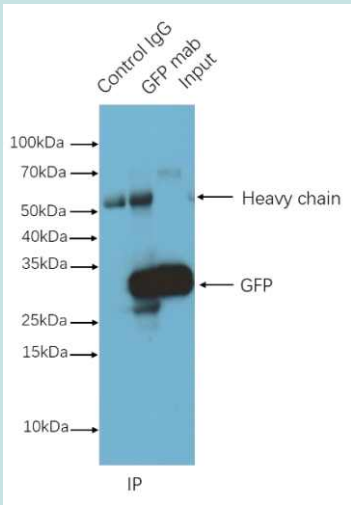
GENERAL INFORMATION	
Immunogen:	Recombinant Aequorea victoria GFP protein
Antibody Type:	Mouse Monoclonal Antibody
Clone ID:	2A11
Isotype:	IgG1
Concentration:	1mg/ml
CalculatedMW:	27 kDa
PurificationMethod:	Protein A purification
Storage Buffer:	Tris buffer with 0.02%sodium azide and 50%glycerol pH 7.3
Storage:	This antibody can be stored at -20℃; Stable for one year aftershipment without detectable loss of activity. Avoid repeated freeze-thaw cycles.

APPLICATIONS	
Tested Applications:	ELISA, WB, IP,IF
Recommended Dilutions:	WB 1:10000-1:40000 IP 0.5-4.0 ug for IP IF 1:100-1:500
Note:	Optimal concentrations/dilutions should be determined by the end user.

Partial Validation Data

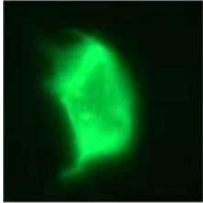


Different dilutions of WB were tested by GFP recombinant protein(28kDa) and 10001-M05 (GFP antibody) antibody was used in this test. The amount of protein in each lane is 20ng.

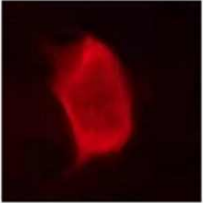


IP test results, 1ug transfected recombinant protein and 1ug 10001-M05(GFP antibody) antibody were used for precipitation. The precipitated samples were tested by WB at a dilution of 1:10000


转染后GFP表达



GFP mab检测



Merge



Immunofluorescent analysis of Transfected HEK-293 cells using 10001-M05 (GFP antibody) at dilution of 1:100 and Alexa Fluor 594-conjugated AffiniPure Goat Anti-Mouse IgG (H+L).

Background Information

Green fluorescent protein (GFP) is a 27 kDa protein originally isolated from the jellyfish Aequorea victoria. In the presence of UV light (490-520 nm), it emits a green fluorescent color that can be used to pinpoint locations of various intracellular proteins. GFP is 238 amino acids (aa) in length. It is a globular monomer that has a tendency to dimerize. The monomer has the shape of a beta -barrel with a chromophore (aa 65-67) containing alpha -helix running up its center.

Manufactured By Wuhan Proteinab Biotech Co., Ltd.,
FOR RESEARCH USE ONLY. NOT FOR USE IN HUMANS.