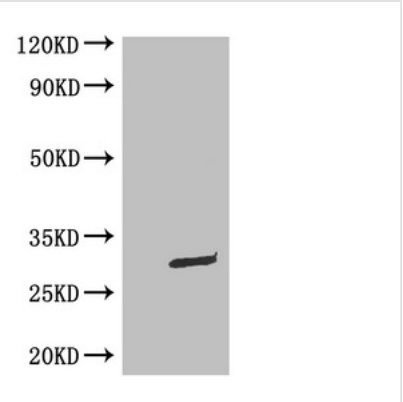
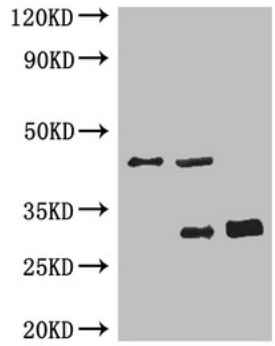
GFP Monoclonal Antibody

Product Code	CSB-MA000051M0m
Storage	Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.
Immunogen	Recombinant GFP Protein
Raised In	mouse
Species Reactivity	N/A
Tested Applications	ELISA,WB,IP;Recommended dilution:WB:1:500-1:5000,IP:1:200-1:2000
Relevance	The green fluorescent protein (GFP) is a protein that exhibit bright green fluorescence when exposed to blue light. The protein is in the shape of a cylinder, comprising 11 strands of beta-sheet with an alpha-helix inside and short helical segments on the ends of the cylinder. Inward-facing sidechains of the barrel induce specific cyclization reactions in the tripeptide Ser65-Tyr66-Gly67 that lead to chromophore formation. Its amazing ability to generate a highly visible, efficiently emitting internal fluorophore is both intrinsically fascinating and tremendously valuable. The green-fluorescent protein (GFP) of the jellyfish Aequorea victoria has always been used as a universal reporter in a broad range of heterologous living cells and organisms. GFP has become well established as a marker of gene expression and protein targeting in intact cells and organisms.
Form	liquid
Conjugate	Non-conjugated
Storage Buffer	Preservative: 0.03% Proclin 300Constituents: 50% Glycerol, 0.01M PBS, PH 7.4
Purification Method	>95%,Protein G purified
Isotype	IgG2b
Clonality	monoclonal
Product Type	Tag Control Antibody
Clone No.	10B4E3

Image



WB: Mouse Anti-GFP monoclonal antibody at 0.1μg/ml
Line 1:HEK-293 cell lysate
Line 2:GFP transfected HEK-293 cell lysate
Secondary
Goat polyclonal to Mouse IgG at 1/5000 dilution
Predicted band size : 30kd
Observed band size : 30kd



IP:Result of anti-GFP-tag Monoclonal antibody
Line 1:Control IgG
Line 2:Precipitateing GFP-tagged fusion protein
Line 3:GFP Transfected HEK-293 cells lysate
Secondary
Goat polyclonal to Mouse IgG at 1/5000 dilution
Predicted band size : 30kd
Observed band size : 30kd