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GFP Mouse mAb

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Catalog # AP94085

Product Information

Application	WB
Host	Rabbit
Clonality	Monoclonal
Physical State	Liquid
Immunogen	Recombinant Green Fluorescence Protein
Isotype	IgG
Purity	affinity purified by Protein G
Buffer	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.
SIMILARITY	Belongs to the GFP family.
SUBUNIT	Monomer.
Post-translational modifications	Contains a chromophore consisting of modified amino acid residues. The chromophore is formed by autocatalytic backbone condensation between Ser-65 and Gly-67, and oxidation of Tyr-66 to didehydrotyrosine. Maturation of the chromophore requires nothing other than molecular oxygen.
Important Note	This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.
Background Descriptions	Enhanced Blue Fluorescent Protein (EBFP) emits a strong blue fluorescence. EBFP can be used as protein "tags" to study the sub-cellular localization of proteins and/or their translocation upon stimulation or as markers for transfection in transient and stable expression systems.

Additional Information

Target/Specificity	Photocytes.
Dilution	WB=1:50000-500000
Format	0.01M TBS(pH7.4) with 1% BSA, 0.09% (W/V) sodium azide and 50% Glyce
Storage	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.

Background

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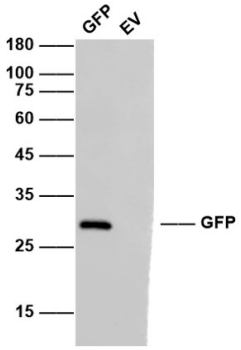
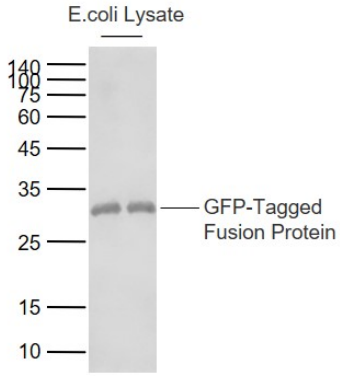
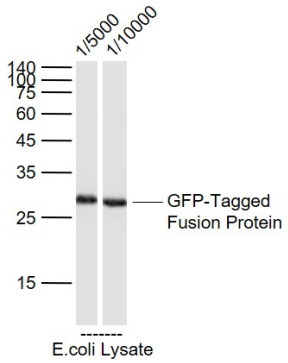
Images



Transformed (GFP or EV) E. coli cells lysates were subjected to SDS-PAGE followed by WB with AP94085 (Anti-GFP) at dilution of 1:1,000,000 incubated at 4℃ overnight.



Sample: GFP-tagged fusion protein Overexpression E.coli Lysate (Cat#: bs-33009P) at 4 ug Primary: Anti-GFP-Tag (AP94085) at 1/1000000 dilution Secondary: IRDye800CW Goat Anti-Mouse IgG at 1/20000 dilution Predicted band size: 28 kD Observed band size: 30 kD



Sample: GFP-Tagged Fusion Protein Overexpression E.coli Lysate (Cat#: bs-33009P) at 2 ug Primary: Anti-GST tag (AP94085) at 1/5000 ~ 1/10000 dilution Secondary: IRDye800CW Goat Anti-Mouse IgG at 1/20000 dilution Predicted band size: 28 kD Observed band size: 28 kD