

TurboGFP Mouse mAb

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Catalog # AP94762

Product Information

Application	WB, IHC-P, IHC-F, IF
Host	Mouse
Clonality	Monoclonal
Physical State	Liquid
Immunogen	Recombinant TurboGFP protein expressed in HEK293T cell.
Isotype	IgG
Purity	affinity purified by Protein G
Buffer	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.
Important Note	This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.
Background Descriptions	TurboGFP is an improved variant of the green fluorescent protein CopGFP cloned from copepod <i>Pontellina plumata</i> (Arthropoda; Crustacea; Maxillopoda; Copepoda) [Shagin et al., 2004]. It possesses bright green fluorescence (excitation/ emission max = 482/ 502 nm) that is visible earlier than fluorescence of other green fluorescent proteins. TurboGFP is mainly intended for applications where fast appearance of bright fluorescence is crucial. It is specially recommended for cell and organelle labeling and tracking the promoter activity. Destabilized TurboGFP variant allows accurate analysis of rapid and/or transient events in gene regulation..

Additional Information

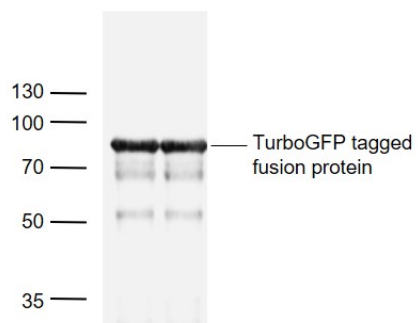
Dilution	WB=1:50000-200000,ELISA=1:1000-5000,IHC-P=1:200-1000,IHC-F=1:200-1000, IF=1:200-1000,ICC/IF=1:100-500,Flow-Cyt=1ug/Test
Storage	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.

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Images

Sample:
Lane 1、 2: Recombinant TurboGFP protein expressed in
HEK293T cell lysates



Primary: Anti-TurboGFP (AP94762) at 1/50000 dilution
Secondary: IRDye800CW Goat Anti-Mouse IgG at 1/20000 dilution
Predicted band size: 85 kDa
Observed band size: 85 kDa

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