bsm-33867M

[Primary Antibody]

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DATASHEET -

Host: Mouse Isotype: IgG Clonality: Monoclonal CloneNo.: 3A6

Target: TurboGFP

Purification: affinity purified by Protein G Storage: Size: 50ul/100ul/200ul

TurboGFP Mouse mAb

0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.

Size: 200ug (PBS only)

0.01M PBS

Shipped at 4°C. Store at -20°C for one year. Avoid repeated

freeze/thaw cycles.

Background: TurboGFP is an improved variant of the green fluorescent protein

CopGFP cloned from copepod Pontellina plumata (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..

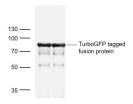
Applications: WB (1:50000-200000)

IHC-P (1:200-1000) IHC-F (1:200-1000) **IF** (1:200-1000) Flow-Cyt (1ug/Test) ICC/IF (1:100-500) ELISA (1:1000-5000)

Reactivity: tag

Predicted MW.: 85 kDa

VALIDATION IMAGES -



Sample: Lane 1、2: Recombinant TurboGFP protein expressed in HEK293T cell lysates Primary: Anti-TurboGFP (bsm-33867M) at 1/50000 dilution Secondary: IRDve800CW Goat Anti-Mouse IgG at 1/20000 dilution Predicted band size: 85 kDa Observed band size: 85 kDa

- SELECTED CITATIONS -

• [IF=13.7] Mo Jing, et al. In situ proximity labeling of proteins associated with circRNA and RNA G-quadruplexes. NAT CHEM BIOL. 2025 Aug;:1-12 WB; Human. 40775047