

**bs-33867R**

**[ Primary Antibody ]**

## TurboGFP Rabbit pAb

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ANTIBODIES

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### — DATASHEET —

**Host:** Rabbit

**Isotype:** IgG

**Clonality:** Polyclonal

**Target:** TurboGFP

**Purification:** affinity purified by Protein A

**Concentration:** 1mg/ml

**Storage:** 0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.  
Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.

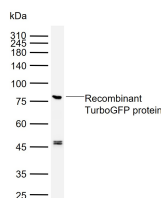
**Background:** TurboGFP is an improved variant of the green fluorescent protein CopGFP cloned from copepod *Pontellina plumata* (Arthropoda; Crustacea; Maxillopoda; Copepoda) [Shagin et al., 2004]. It possesses bright green fluorescence (excitation/ emission max = 482/ 502 nm) that is visible earlier 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** (1:10000-50000)  
**ELISA** (1:1000-5000)

**Reactivity:** Species independent

**Predicted MW.:** 85 kDa

### — VALIDATION IMAGES —



Sample: Lane 1: Recombinant TurboGFP protein

Primary: Anti-TurboGFP (bs-33867R) at 1/50000

dilution Secondary: IRDye800CW Goat Anti-

Rabbit IgG at 1/20000 dilution Predicted band

size: 85 kDa Observed band size: 77 kDa