

Product no **AS15 3028****RFP | Red Fluorescent Protein (clone RF5R)****Product information****Immunogen** | KLH-conjugated RFP from the *Discosoma sp.* (sea anemone) N-terminal peptide**Host** | Mouse**Clonality** | Monoclonal**Subclass/isotype** | IgG1**Purity** | Total IgG1. Protein A purified in 1mg/mL in 10mM PBS, pH 7.2. Contains 0.05% sodium azide.**Format** | Liquid**Quantity** | 50 µg**Storage** | Store at -20 °C for up to 2 years.**Additional information** | Exact working dilution for Dot Blot, ELISA and IP needs to be determined experimentally**Application information****Recommended dilution** | 1 : 1000-3000 (WB)**Confirmed reactivity** | Native and denatured forms of RFP and its variants: TagRFP, TurboRFP, dsRed, mCherry, mOrange, etc**Not reactive in** | No confirmed exceptions from predicted reactivity are currently known**Additional information** | Antibody is purified on Protein A.

Sensitivity: WB (with ECL): 1-10 ng of purified RFP or RFP fusion proteins. Primary antibody should be incubated for one hour at room temperature.

Selected references | [Cecchini et al. \(2020\)](#). Kinases and protein motifs required for AZI1 plastid localization and trafficking during plant defense induction. *Plant J.* 2020 Dec 20. doi: 10.1111/tpj.15137. Epub ahead of print. PMID: 33342031.