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| <b>Cat. No:</b>       | IS1047   |
| <b>Size:</b>          | 1 mg   |
| <b>Clone:</b>         | POLY   |
| <b>Concentration:</b> | 2mg/ml   |
| <b>Host:</b>          | Goat   |
| <b>Isotype:</b>       | IgG  |
| <b>Reactivity:</b>    | Rabbit   |
| <b>Applications:</b>  | Recommended Dilution Range Fluorescence microscopy: 1-2 ug/mL Flow cytometry:<br>1 ug/10 <sup>6</sup> cells Near-infrared western detection: 50-100 ng/m                               |
| <b>Purification:</b>  | Aff. Pur.  |
| <b>Form:</b>          | liquid   |
| <b>Buffer:</b>        | 2 mg/mL in pH~7.4 PBS containing 50% glycerol, 2 mg/ml bovine serum albumin<br>(IgG-free and protease-free) and 0.05% sodium azide.  |
| <b>Storage:</b>       | Store at 4°C for several months. Protect from light. For longer storage, divide the<br>conjugate into small aliquots and freeze at -20°C. Avoid repeated freezing and<br>thawing.      |
| <b>Properties:</b>    | Color and Form: Blue solution. Spectral Properties: $\lambda_{abs}/\lambda_{em} = 650/665$ nm (in pH<br>7.4 PBS buffer) CY5 is spectrally similar to Alexa Fluor® 647 and DyLight™ 649 |

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