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|-----------------------|---|
| <b>Cat. No:</b>       | IS20233-1   |
| <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>    | Rat   |
| <b>Applications:</b>  | Recommended Dilution Range Fluorescence microscopy: 1-2 ug/mL Flow cytometry: 1 ug/10 <sup>6</sup> cells Near-infrared western detection: 50-100 ng/                                  |
| <b>Purification:</b>  | Aff. Pur.   |
| <b>Background:</b>    | Alexa Fluor™ dyes are superior to Cy-dyes for antibody labeling by having combined advantages in brightness, photostability, specificity and novel features ideal for in vivo imaging |
| <b>Form:</b>          | liquid  |
| <b>Buffer:</b>        | pH~7.4 PBS containing 50% glycerol, 2 mg/ml bovine serum albumin (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 conjugate into small aliquots and freeze at -20°C. Avoid repeated freezing and thawing.           |
| <b>Properties:</b>    | Color and Form: Pink solution Spectral Property: $\lambda_{abs}/\lambda_{em} = 555/565$ nm (in pH 7.4 PBS buffer) Alexa Fluor™ 555 is spectrally similar to Cy™ 3.                    |

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