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| Cat. No: | IS20124 |
| Size: | 1 mg |
| Clone: | POLY |
| Concentration: | 2mg/ml |
| Host: | Donkey |
| Isotype: | IgG |
| Reactivity: | Mouse |
| Applications: | <p>Recommended Dilution Range 1-10 µg/mL of the IgG conjugate for most applications. Appropriate dilutions of the conjugate should be determined empirically.</p> |
| Purification: | Aff. Pur. |
| Background: | <p>Far-red fluorescent dyes offer the advantage of ultra sensitive detection because background signal due to auto-fluorescence in most biological samples is minimal in this spectral region. For many years, the cyanine dye Cy-5 has been the dye of choice for such detection. More recently, Alexa Fluor® 647 has been developed as a better alternative by having brighter fluorescence and higher photostability. On the other hand, while Alexa Fluor® 633 is photostable, its fluorescence on proteins is very weak</p> |
| Form: | liquid |
| Buffer: | In PBS pH ~7.4 containing 50% glycerol, 2 mg/mL bovine serum albumin (IgG-free and protease-free) and 0.05% sodium azide. |
| Storage: | 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. |
| Properties: | Color and Form: Blue solution. Spectral Properties $\lambda_{abs}/\lambda_{em} = 630/650$ nm (in pH 7.4 PBS buffer) Alexa Fluor 633 is spectrally similar to DyLight™ 633. |

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